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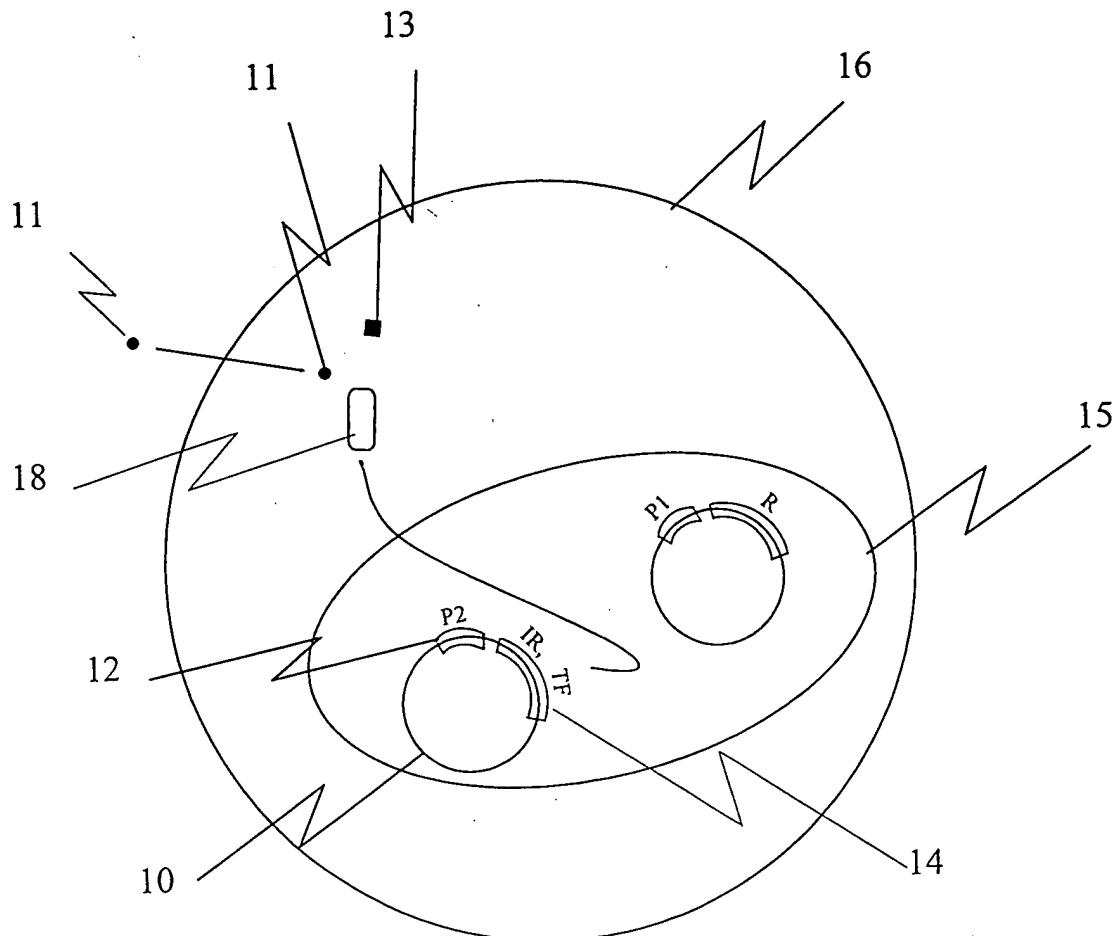


FIG. 1A

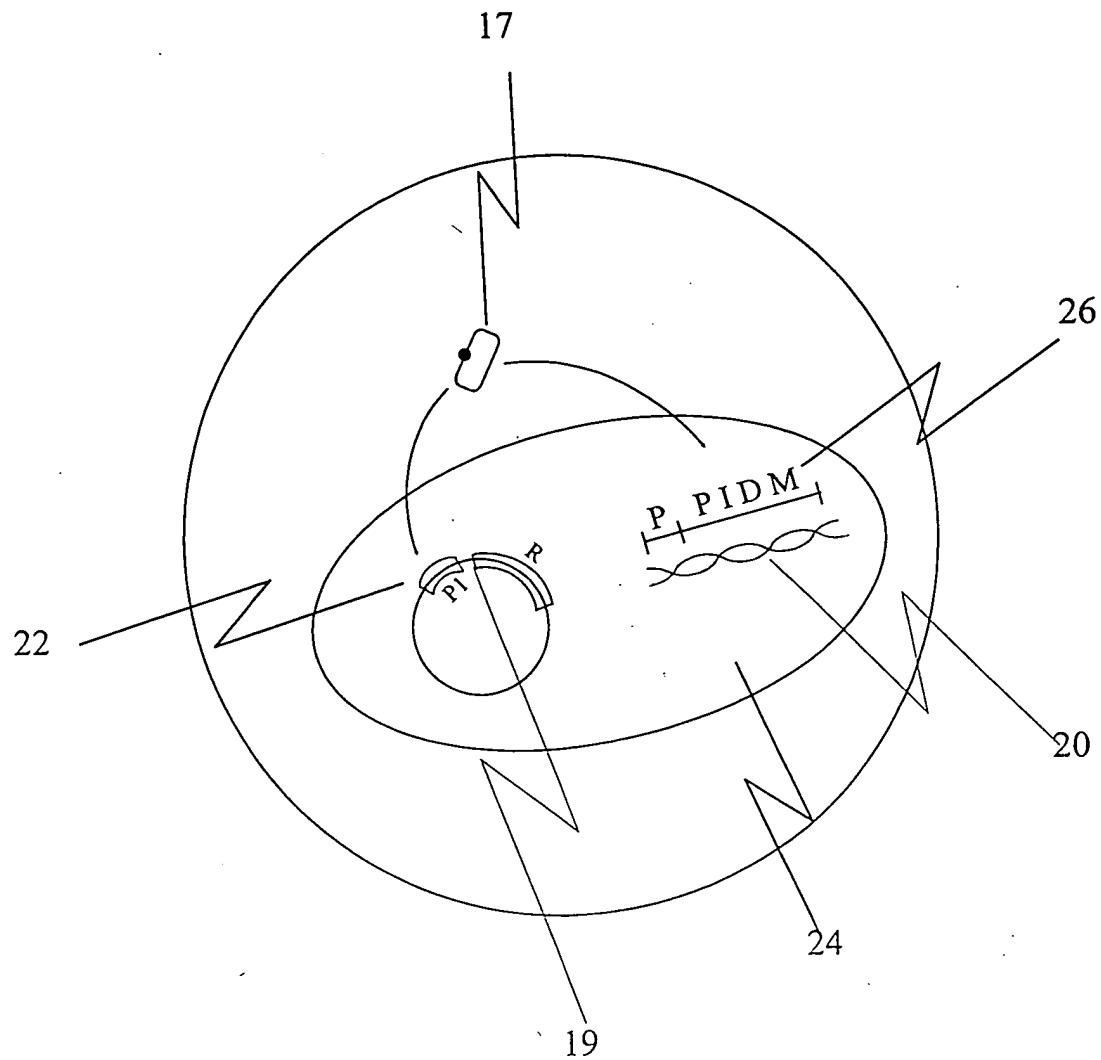


FIG. 1B

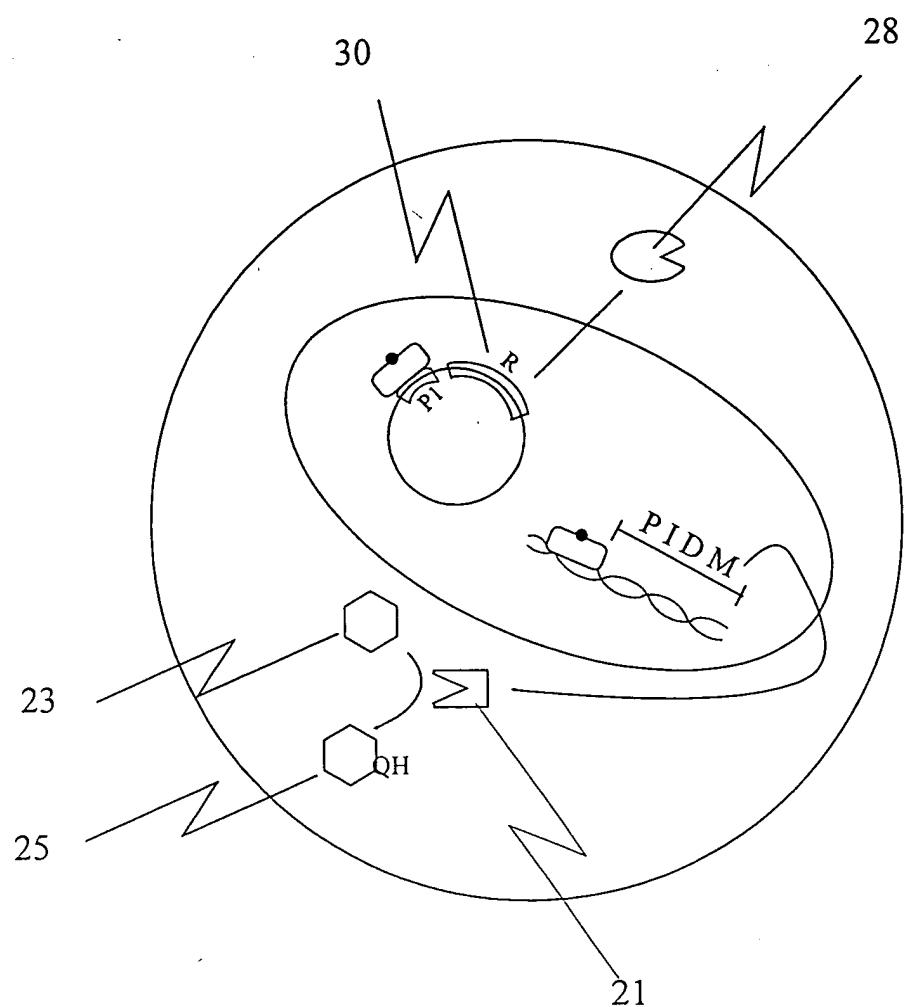


FIG. 1C

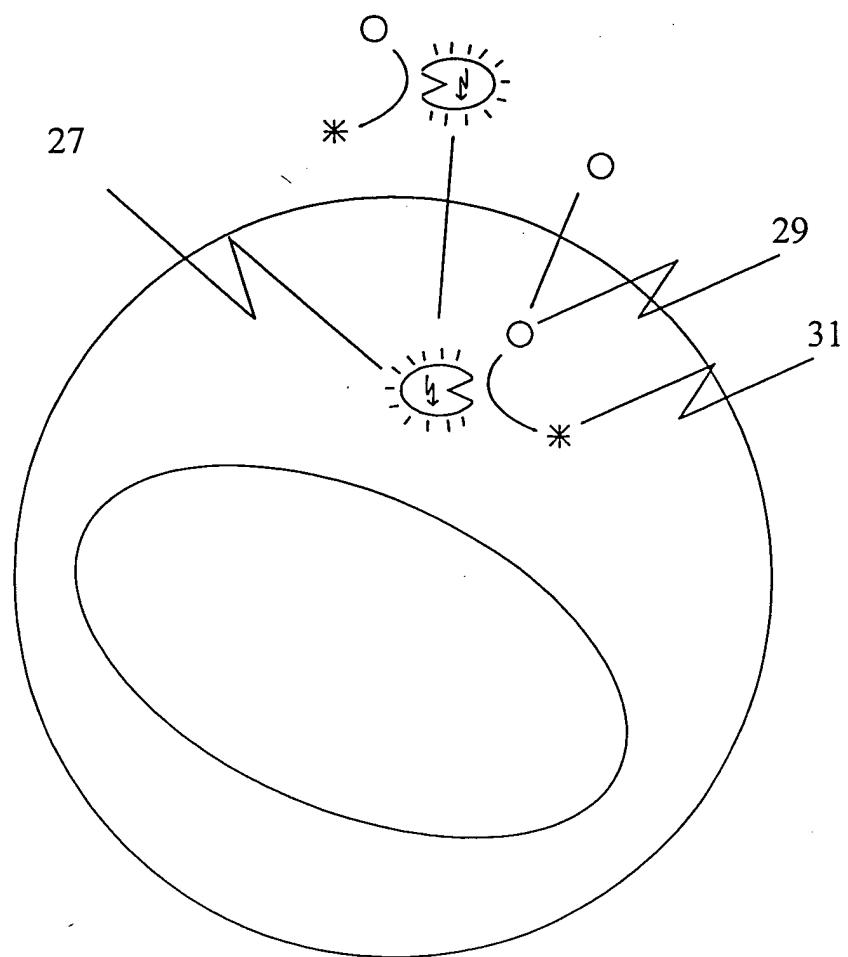


FIG. 1D

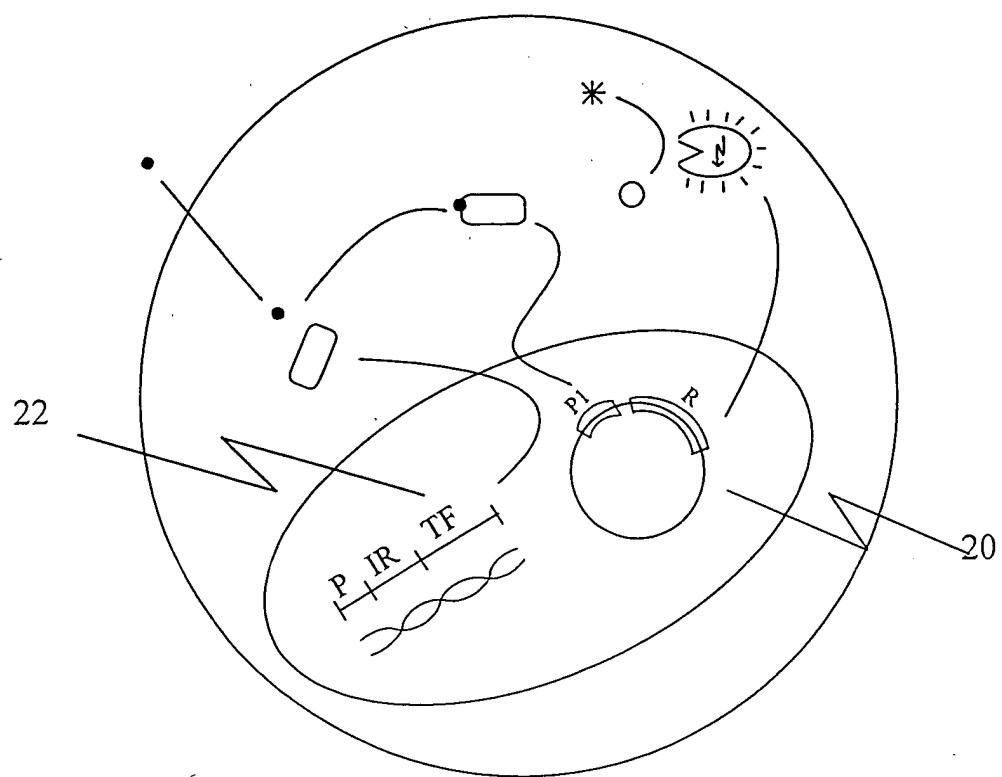


FIG. 2

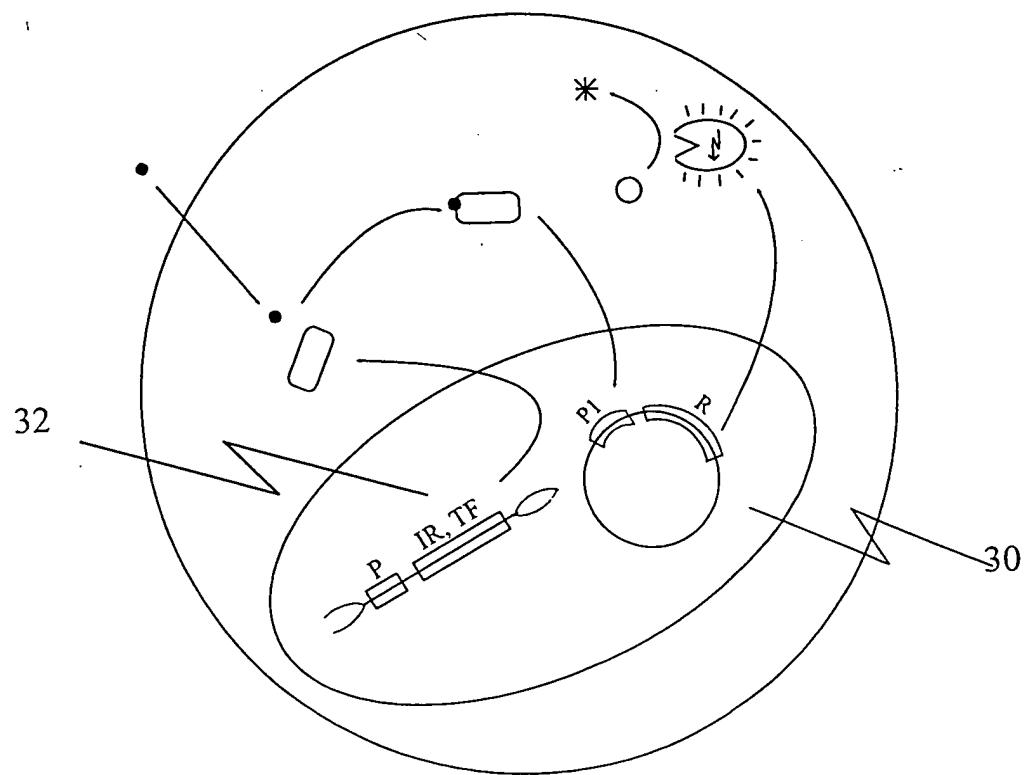


FIG. 3

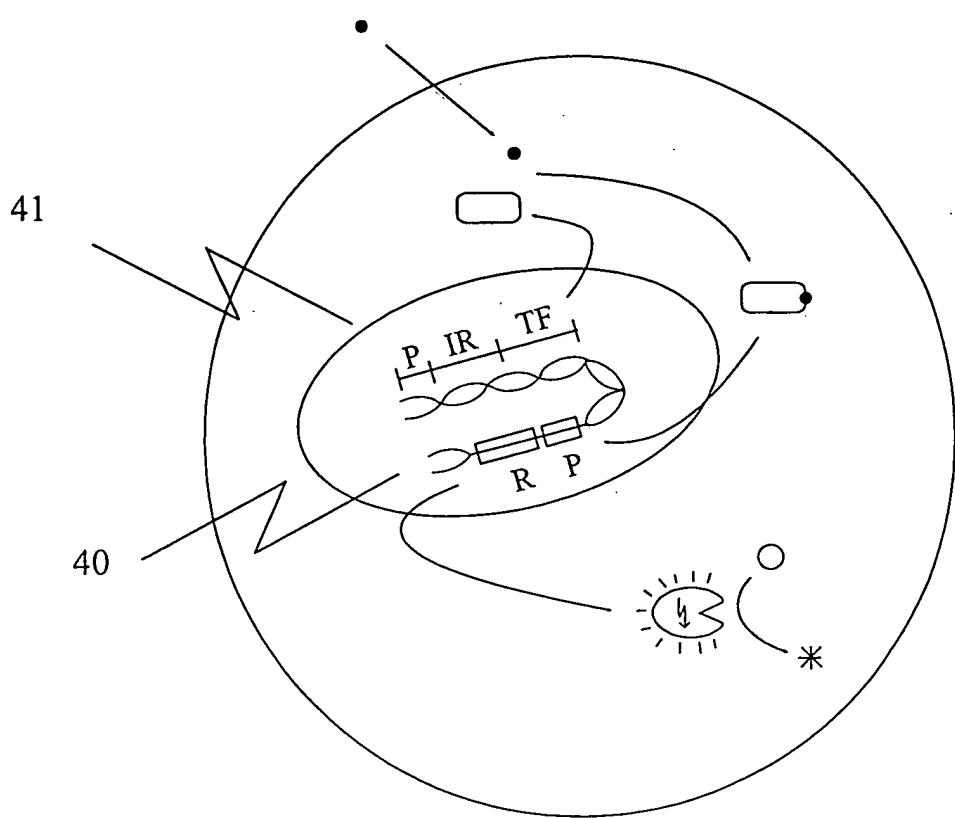


FIG. 4

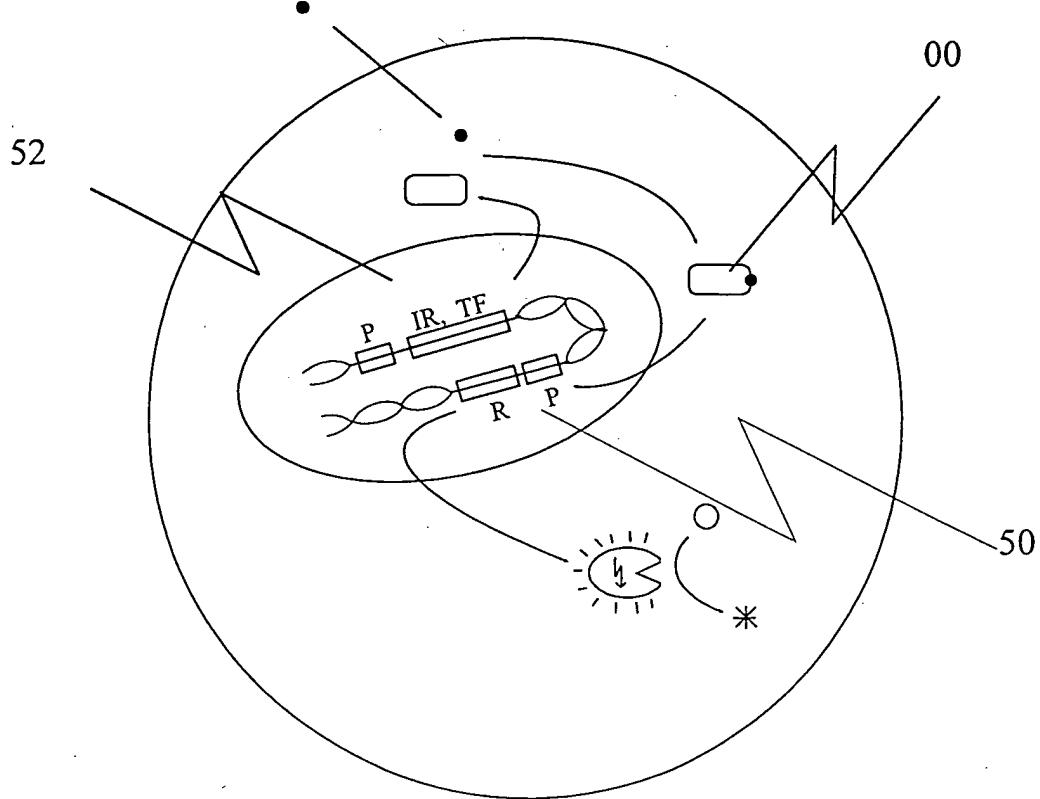


FIG. 5

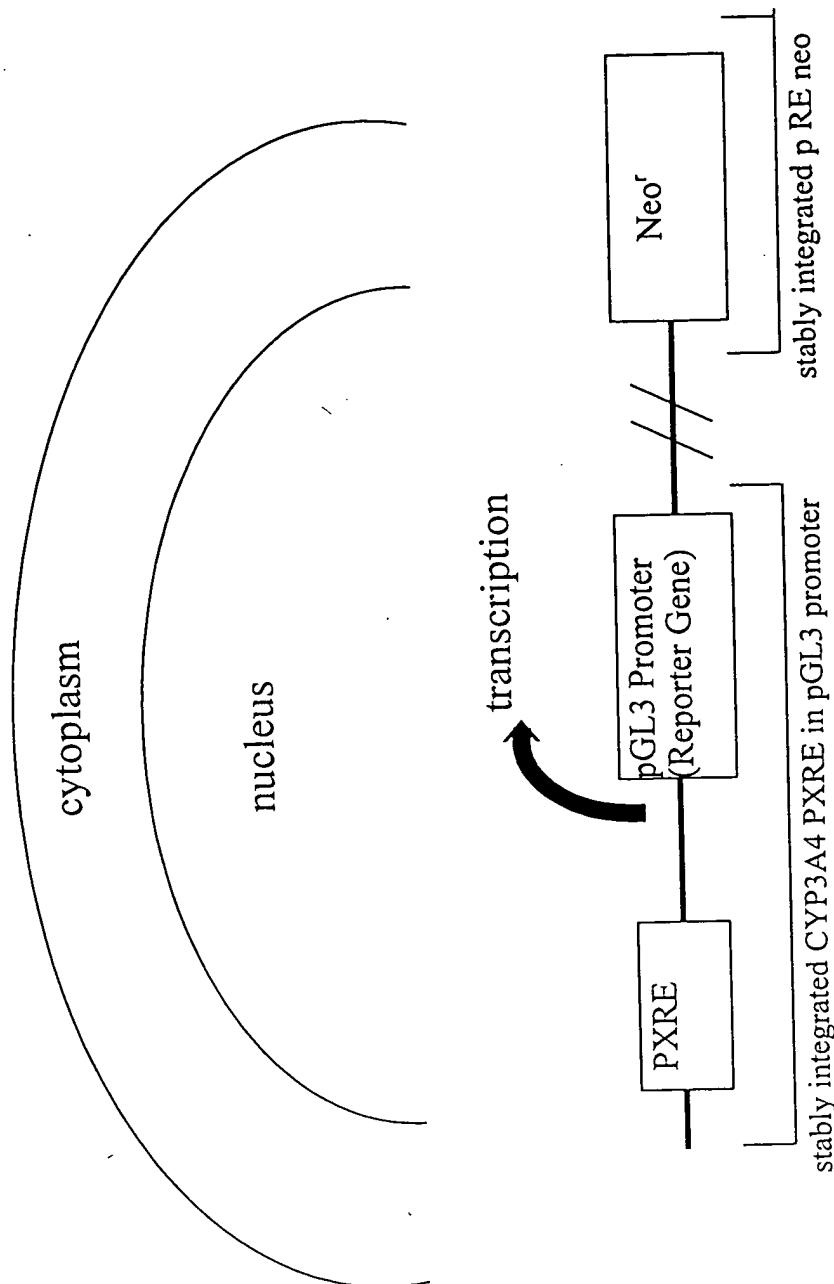


FIG. 6

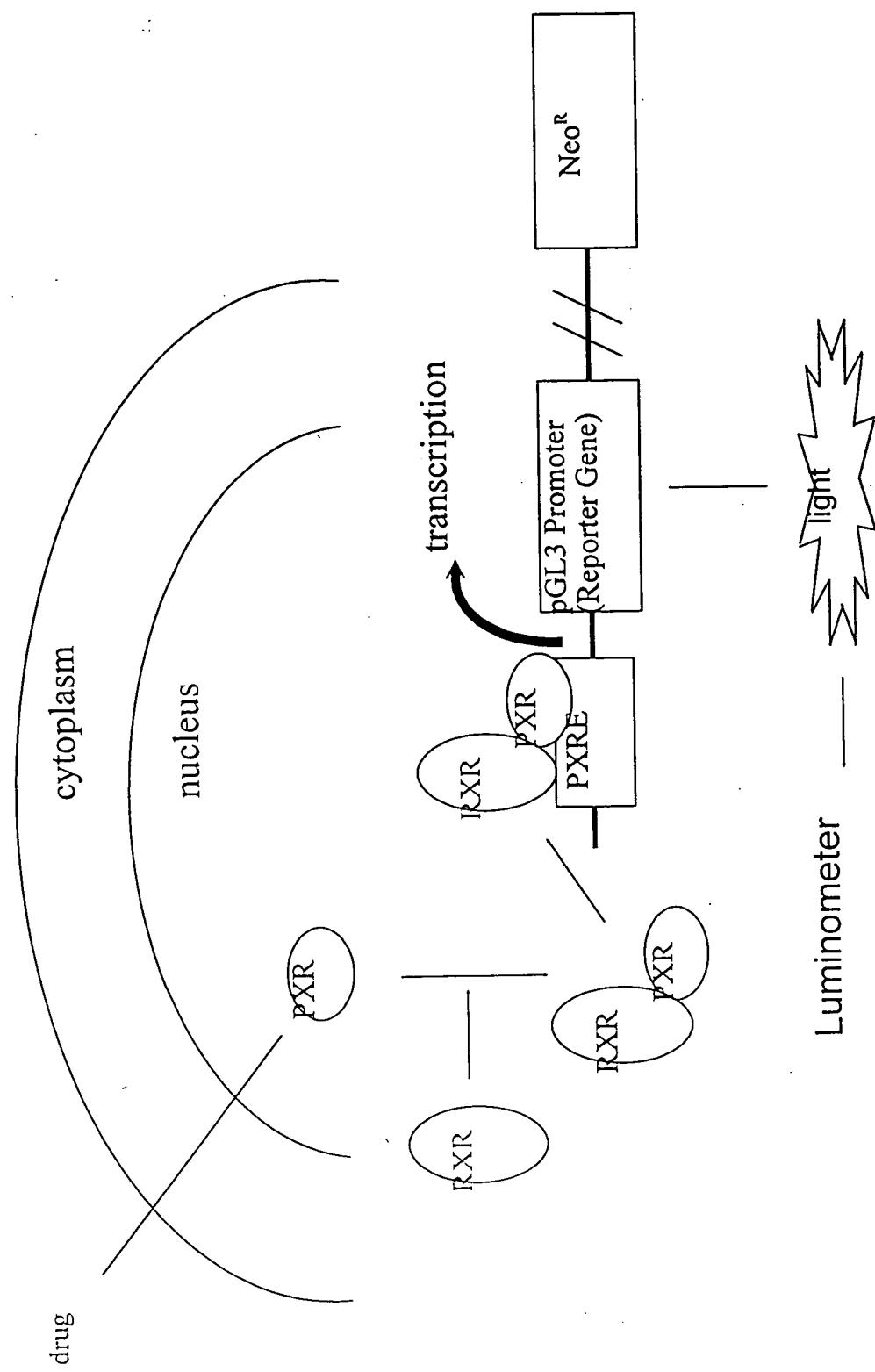


FIG. 7

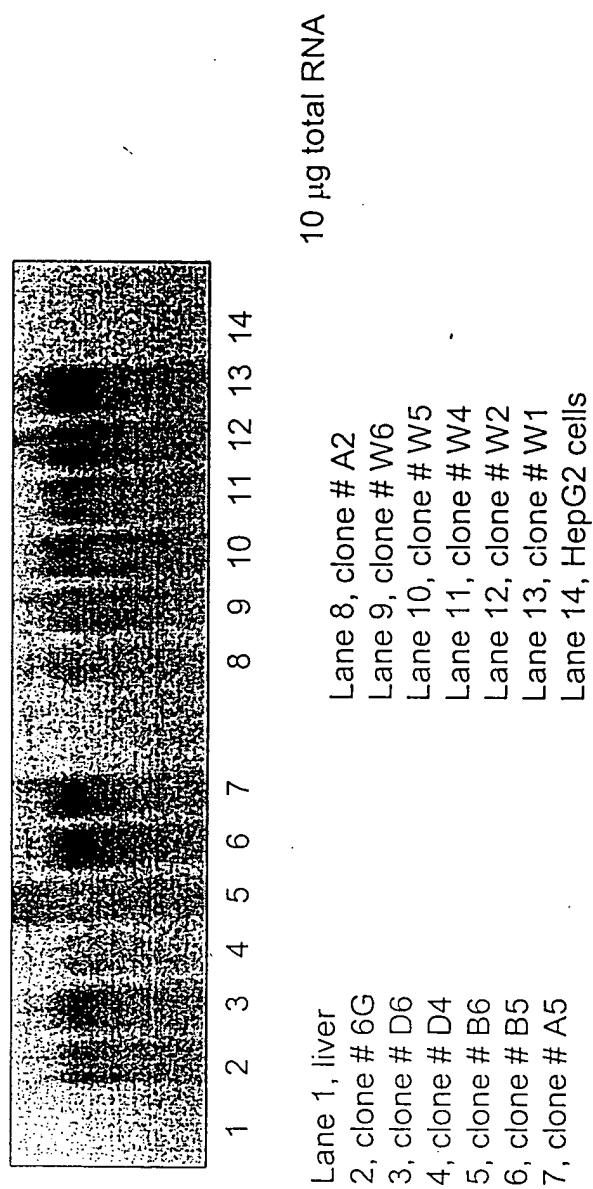


FIG. 8

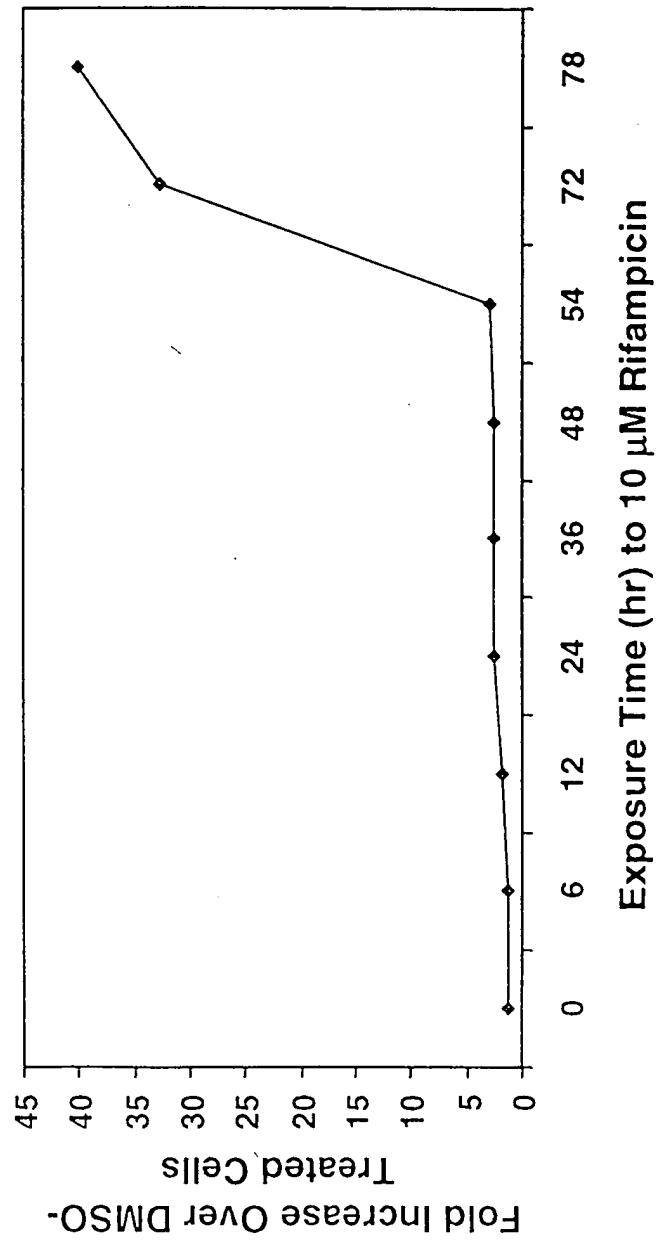
Clone #13 (no PXR)

FIG. 9

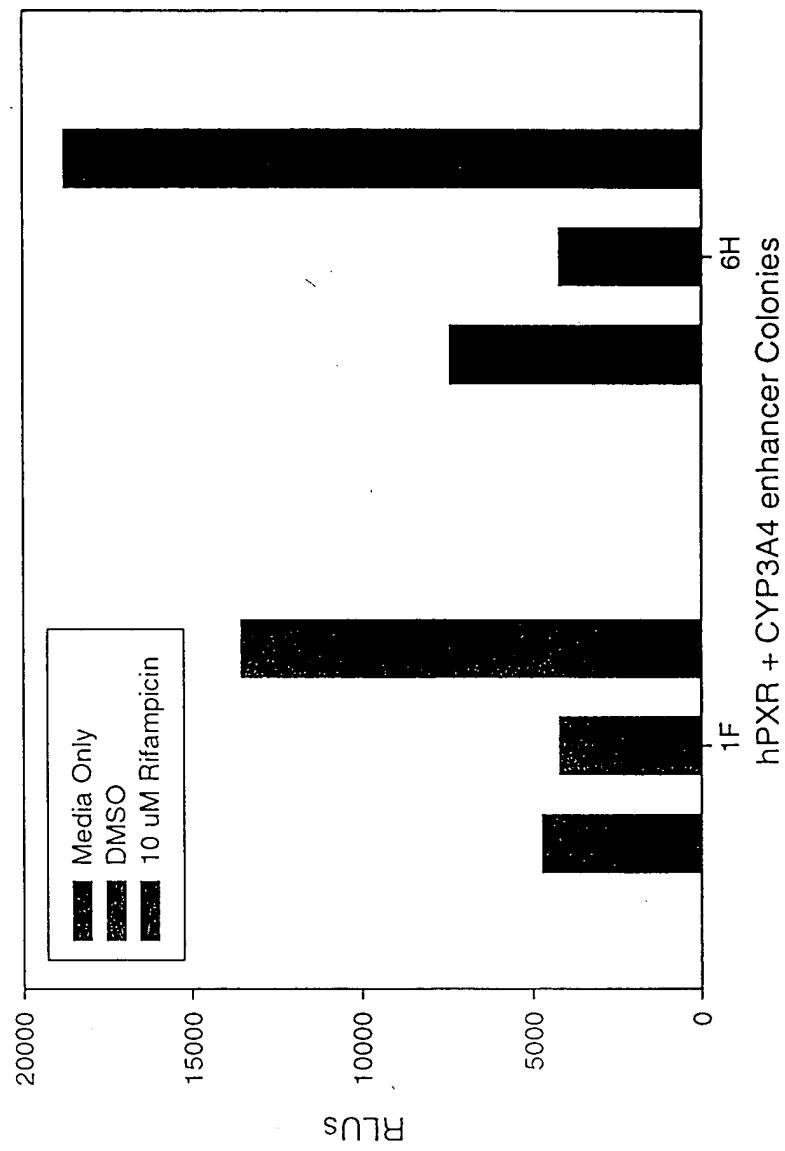


FIG. 10

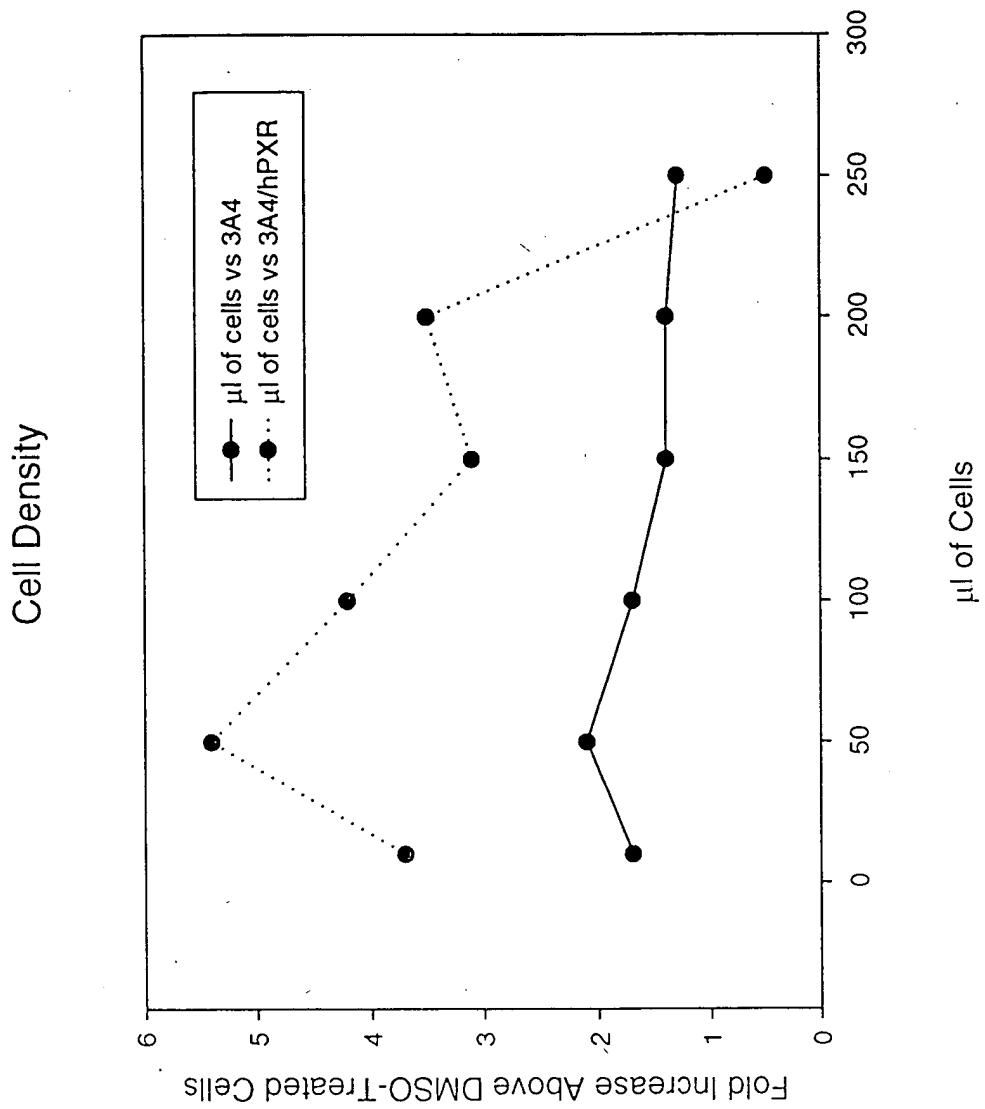


FIG. 11

Effect of Serum, DMSO, and Rifampicin on Luciferase Activity

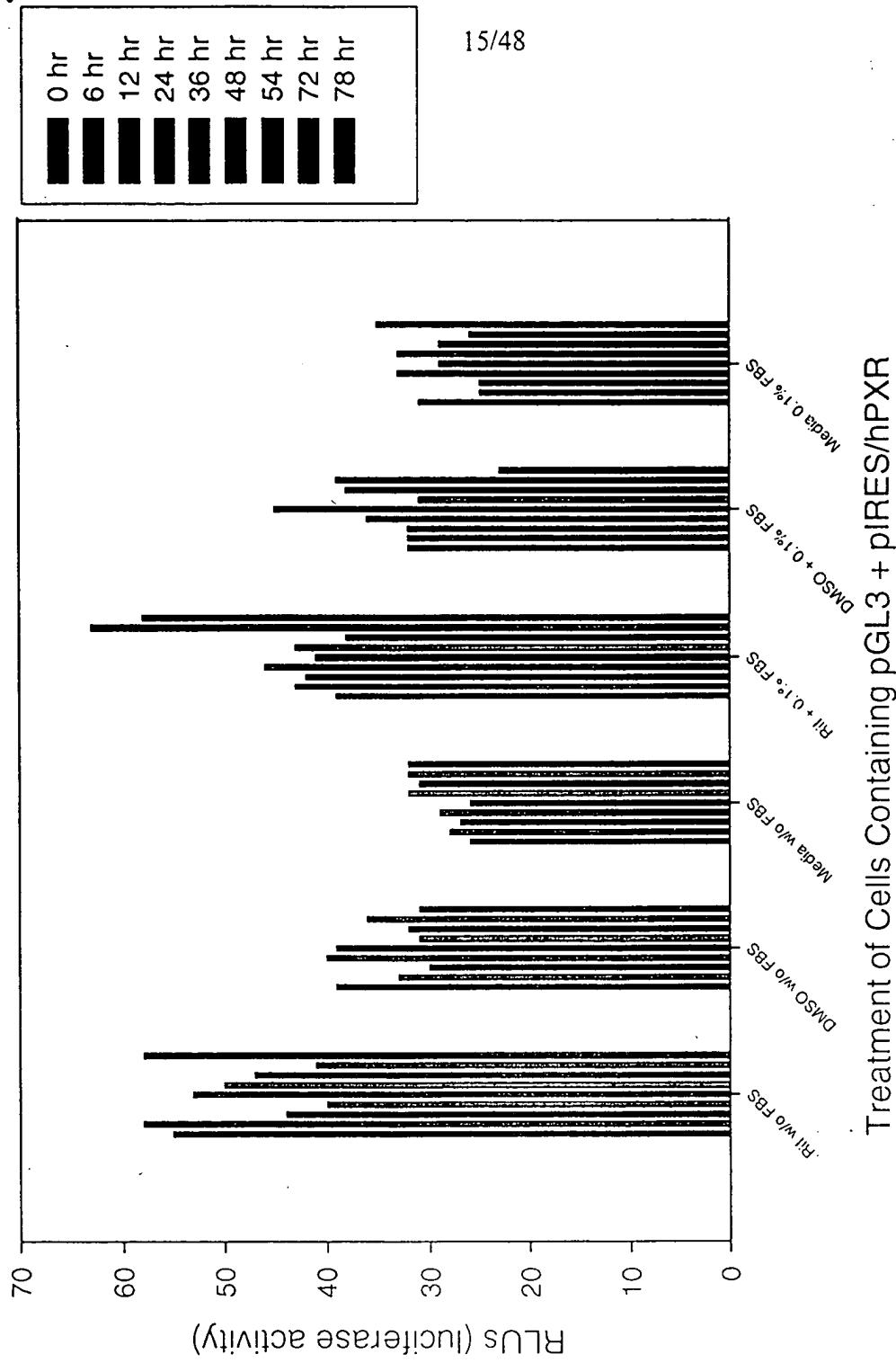
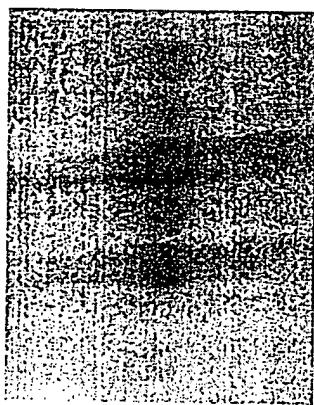


FIG. 12

Human Hepatocytes # 899
10 µg RNA per well



- Lane 1, DMSO with 0.1 µM DEX
- Lane 2, DMSO no DEX
- Lane 3, 10 µM DEX
- Lane 4, 1 mM Phenobarbital
- Lane 5, 10 µM Rifampicin
- Lane 6, 10 µM Clotrimazole
- Lane 7, 10 µM RU486

1 2 3 4 5 6 7

FIG. 13

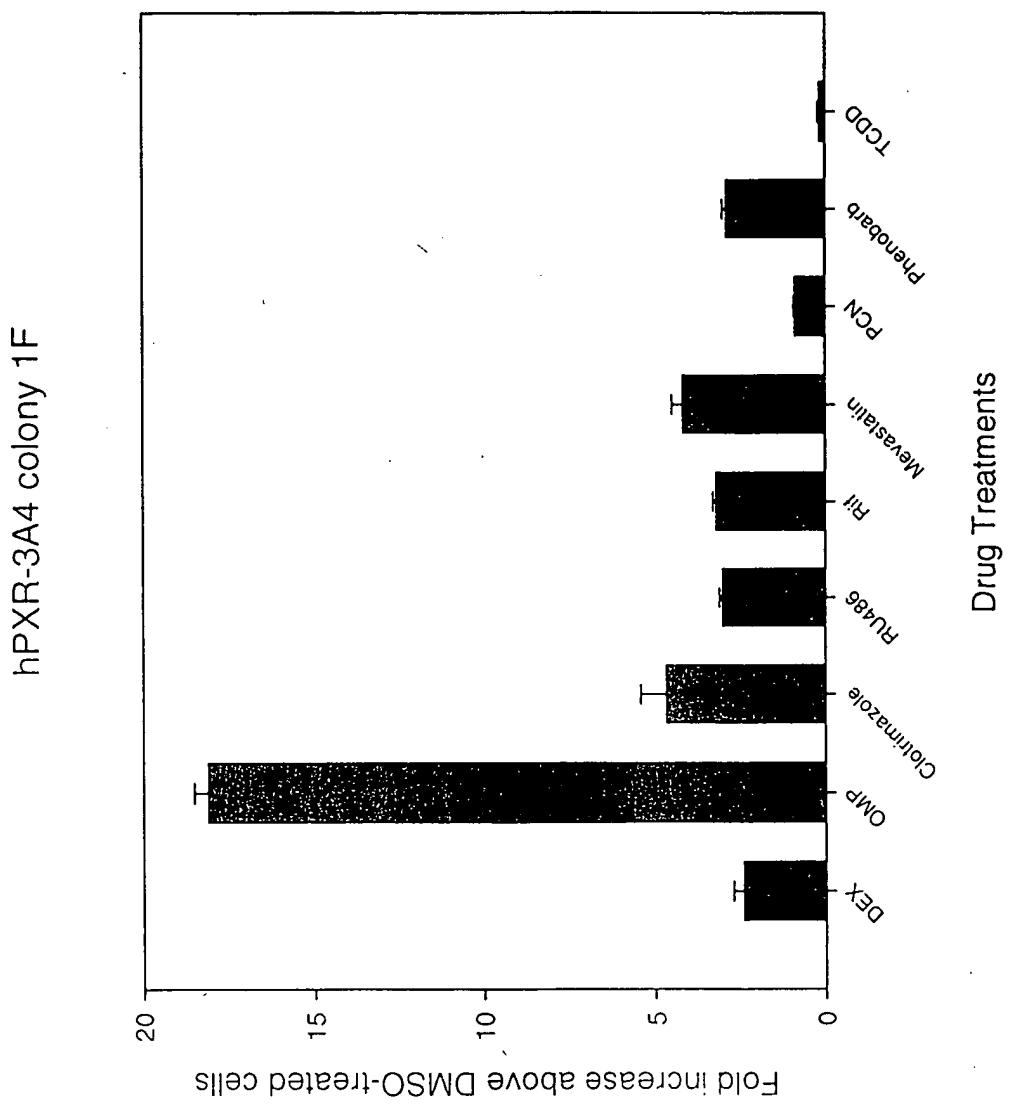


FIG. 14

3A4 Colony 13

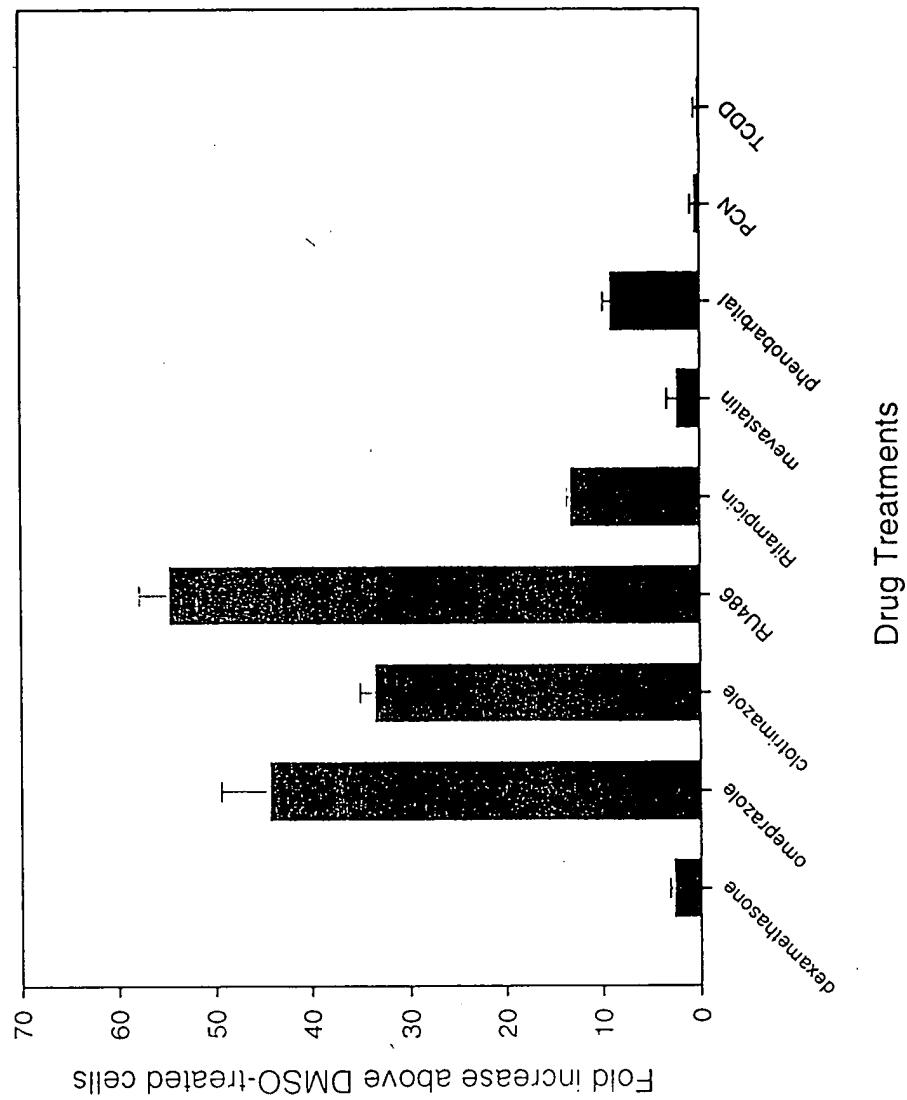


FIG. 15

Colony 13 Drug Screen

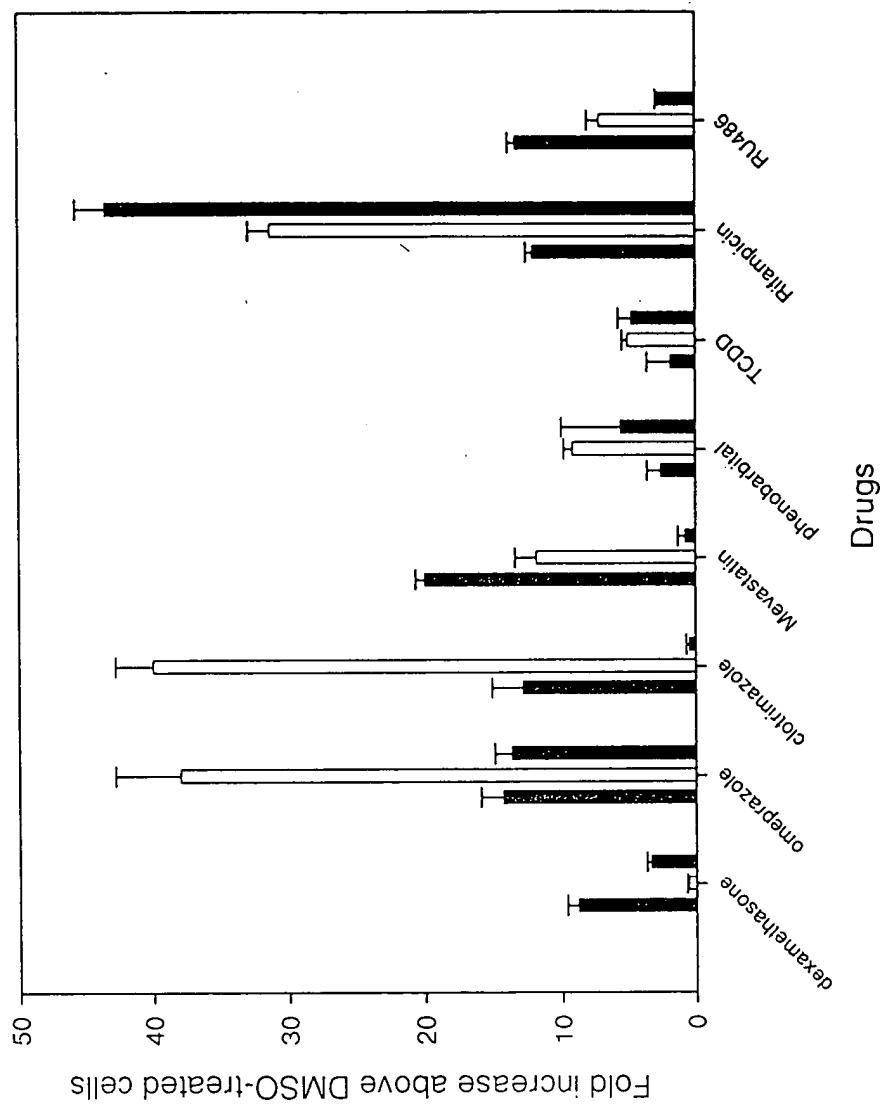


FIG. 16

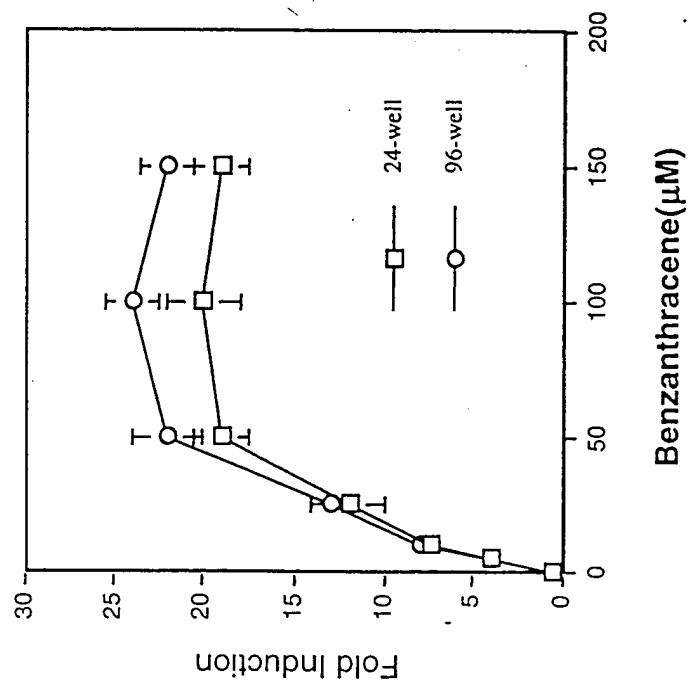


FIG. 17

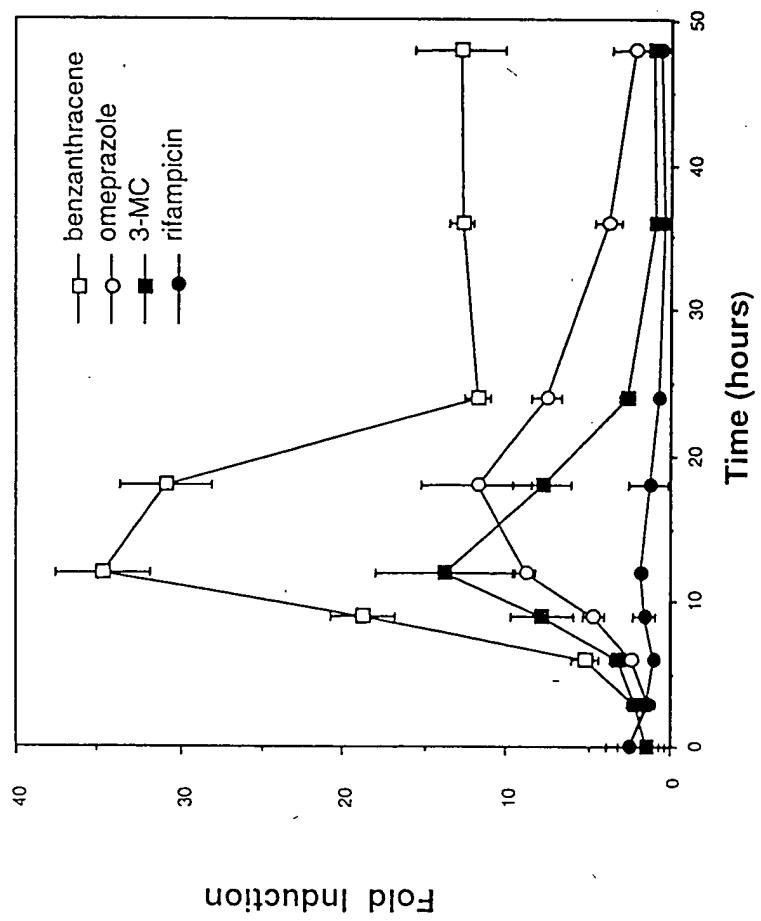
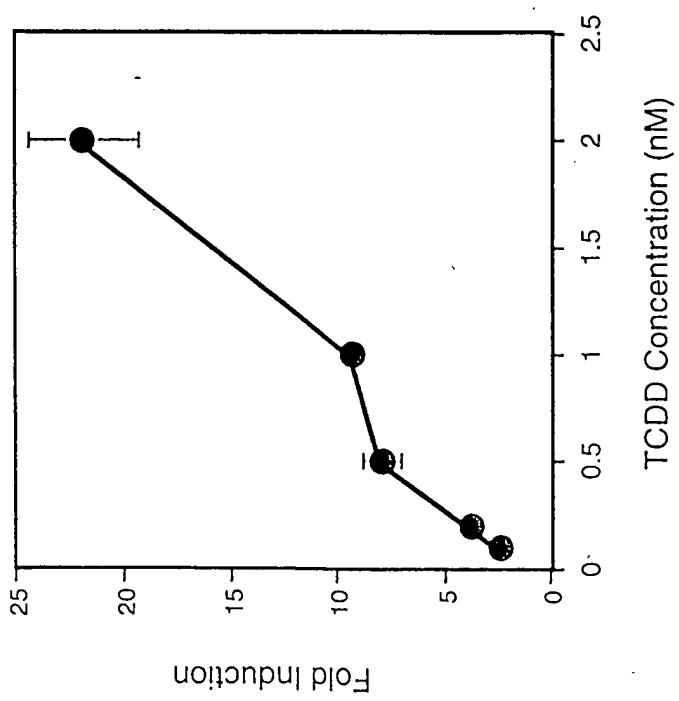
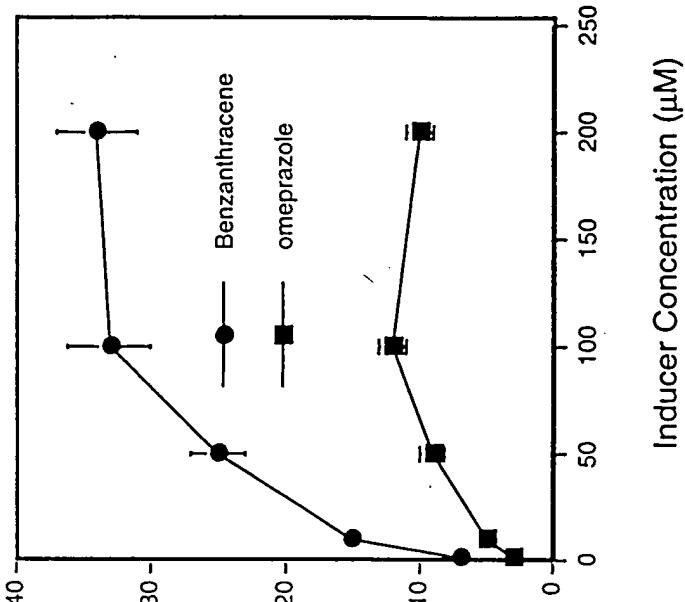


FIG. 18

B**A****FIG. 19**

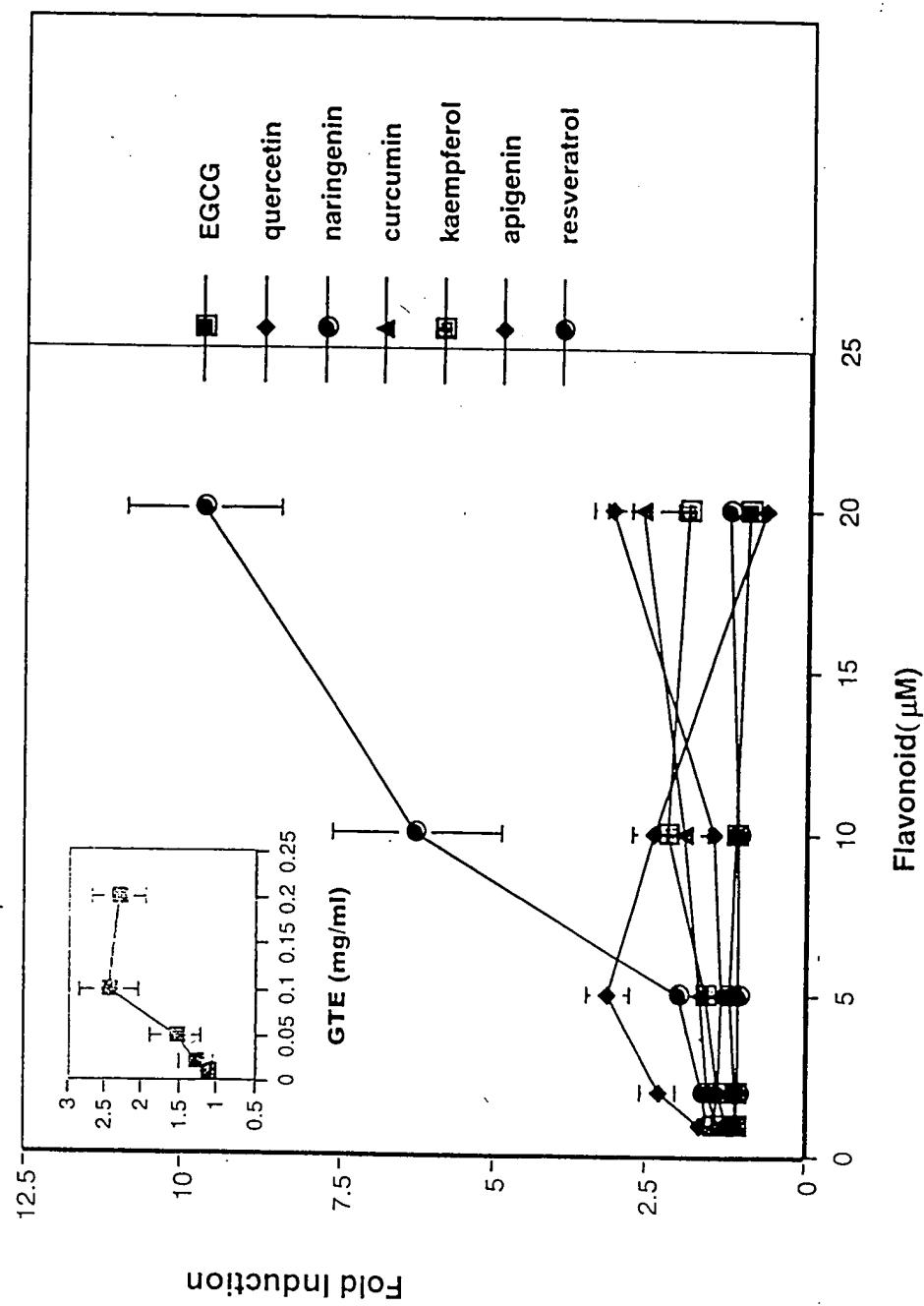


FIG. 20

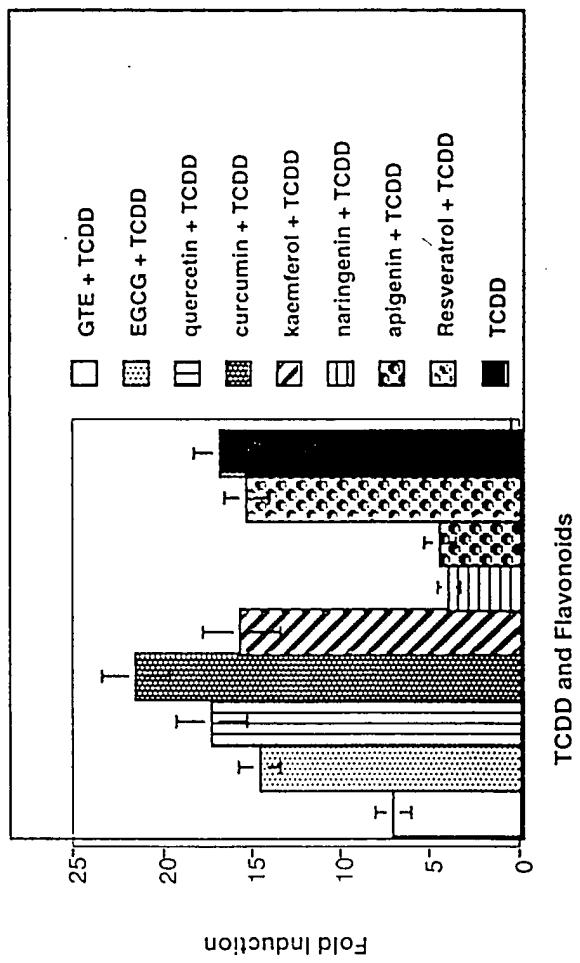


FIG. 21

FIG. 22

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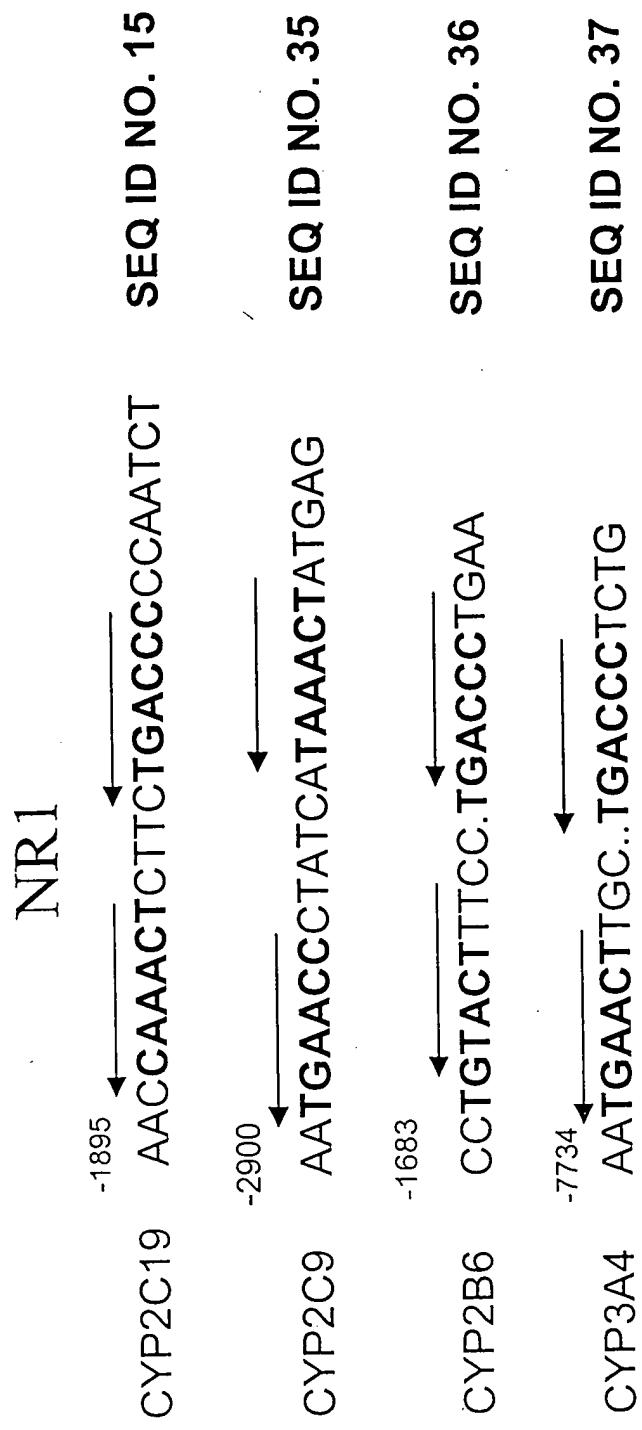
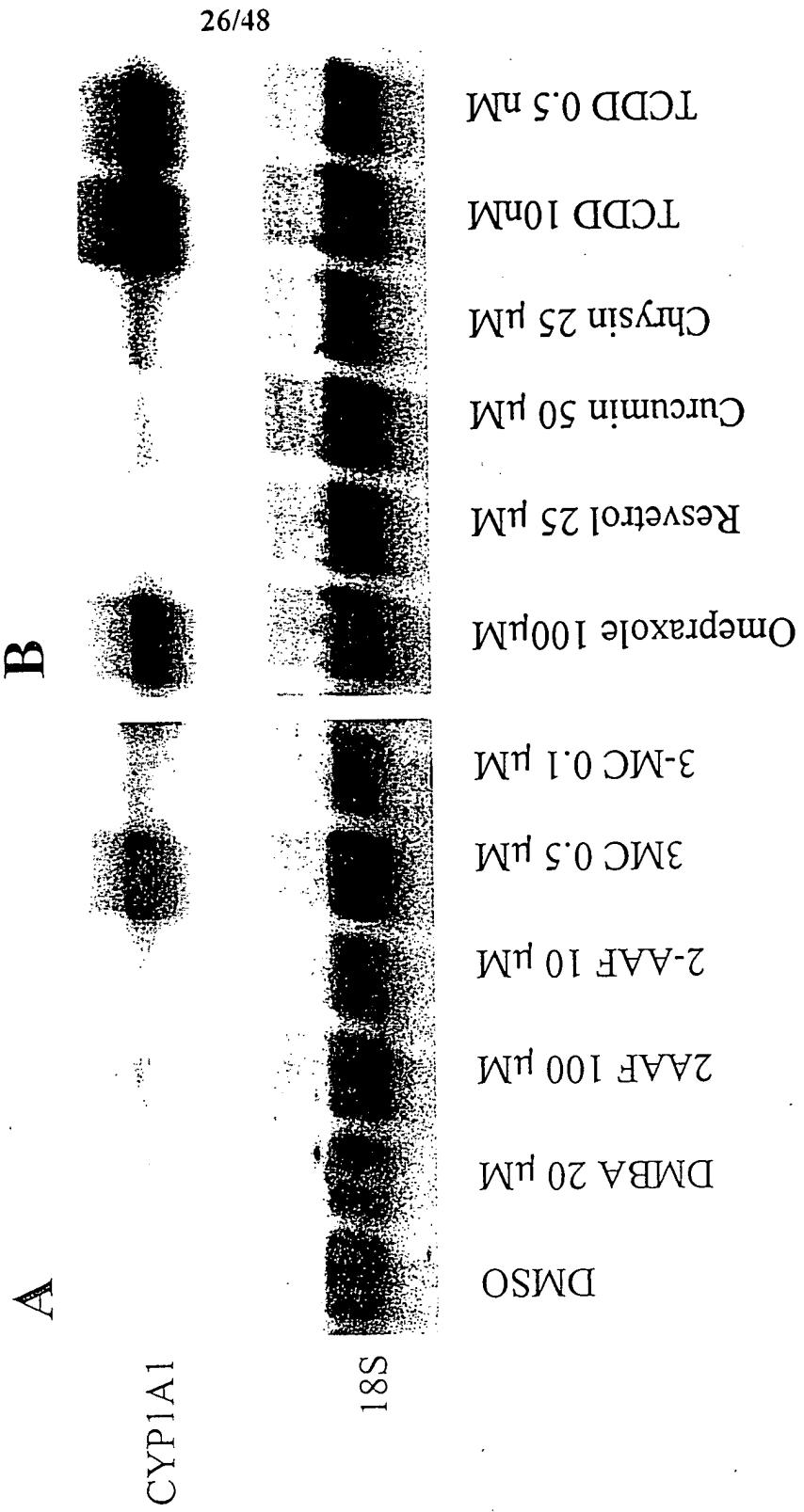


FIG. 23



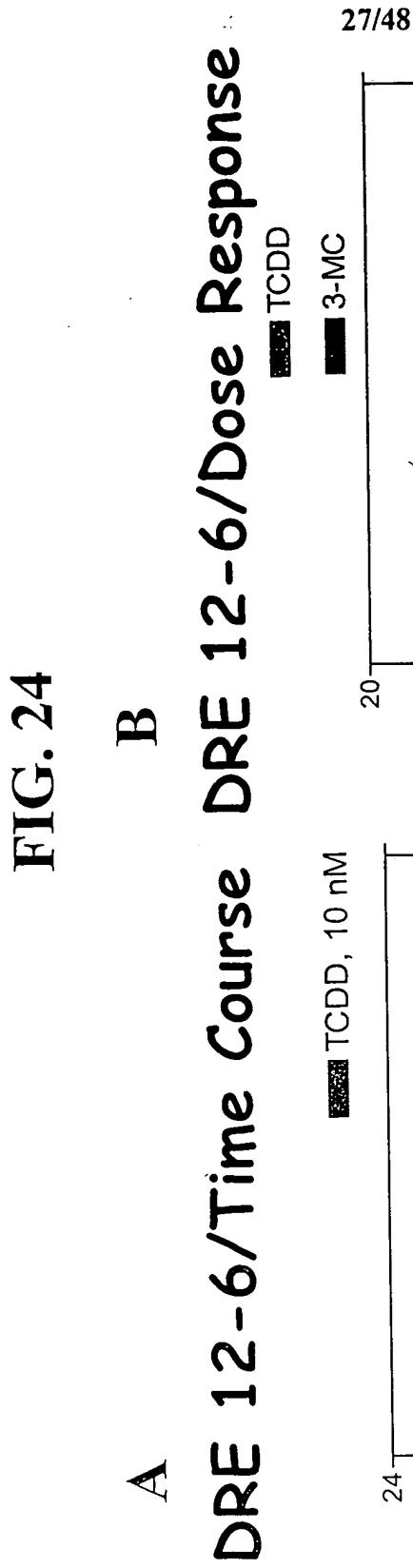


FIG. 25A

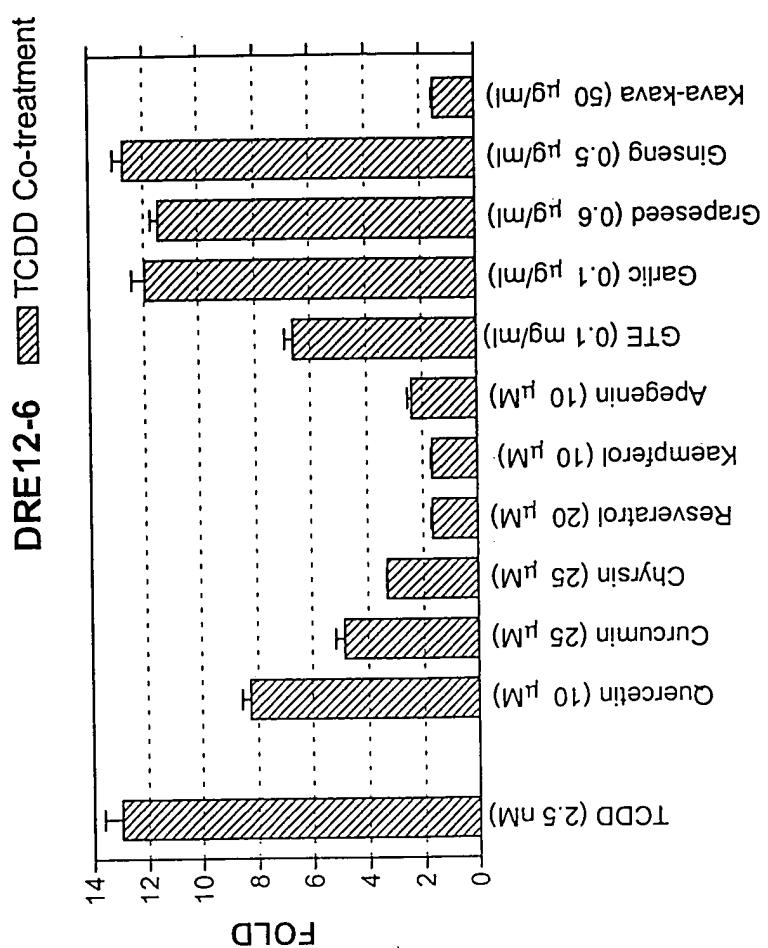


FIG. 25B

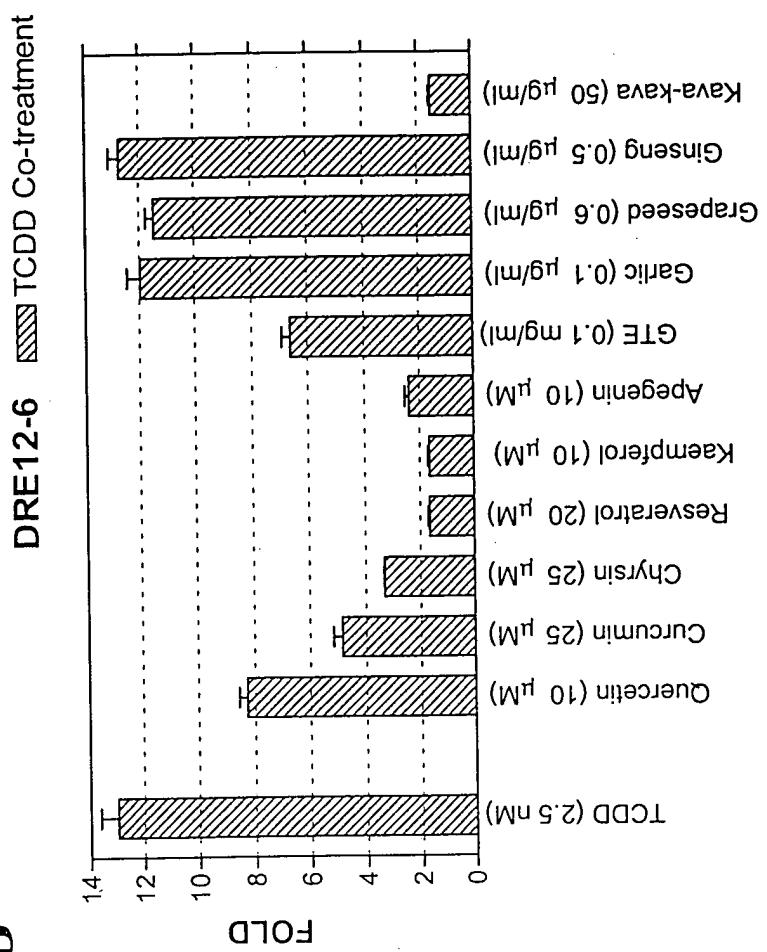
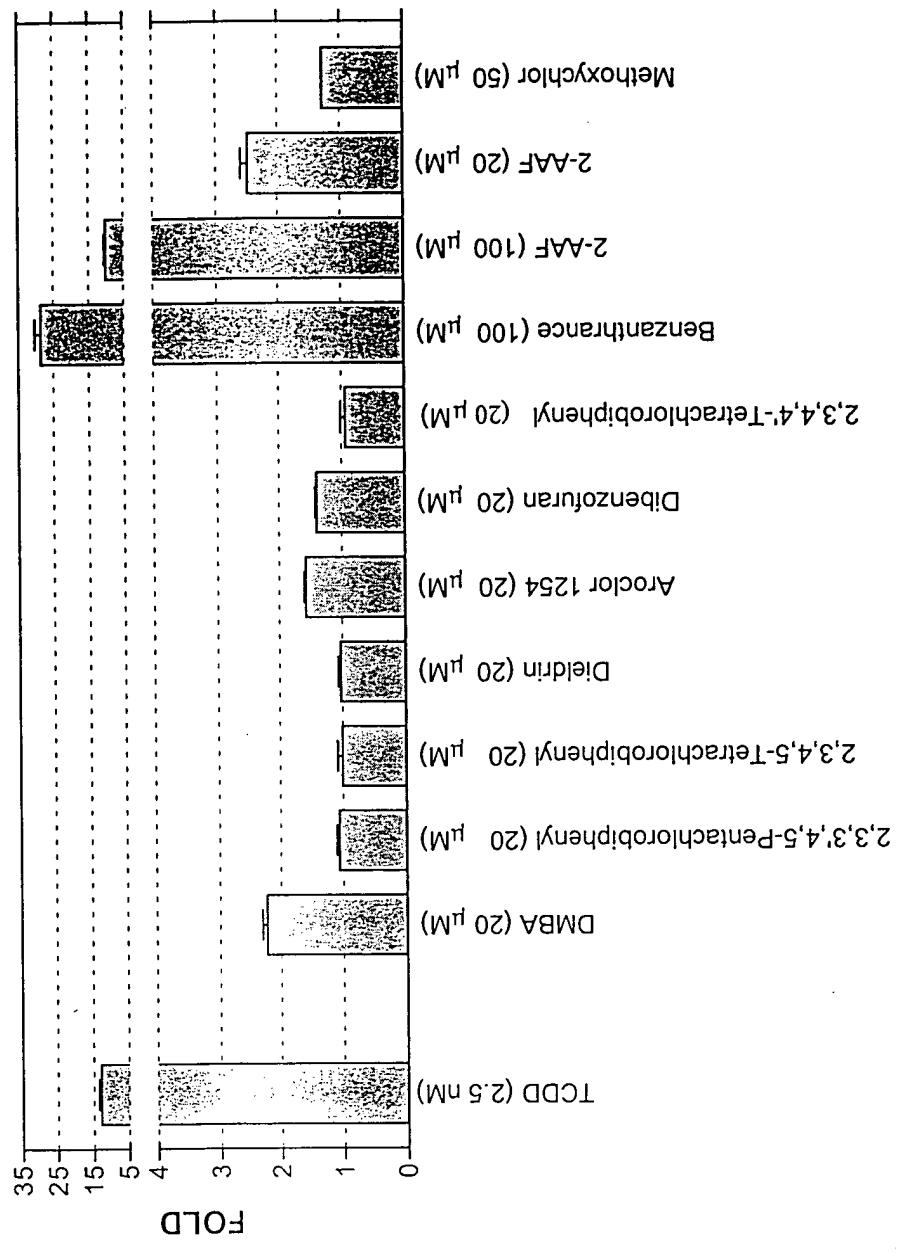


FIG. 26A

DRE12-6



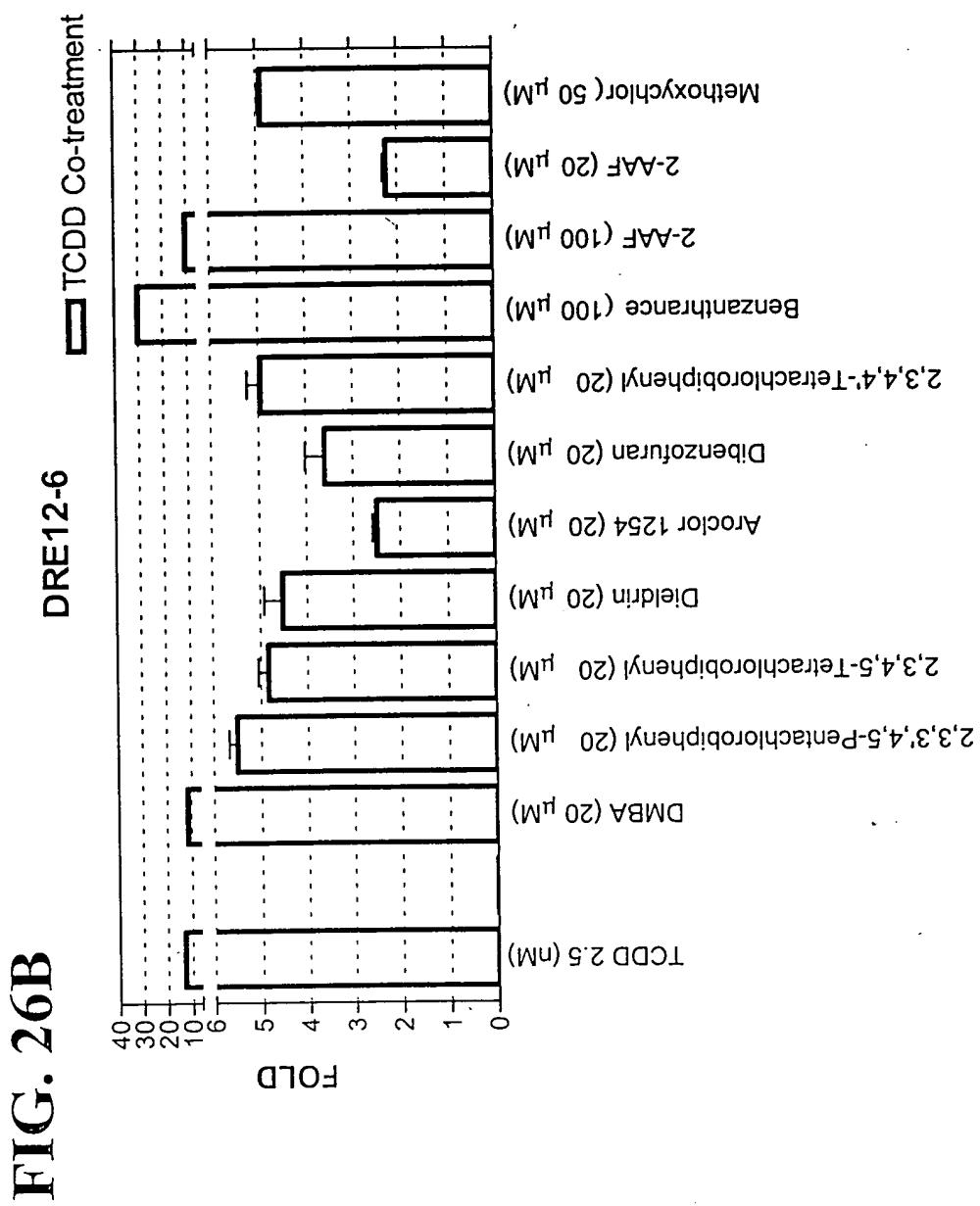
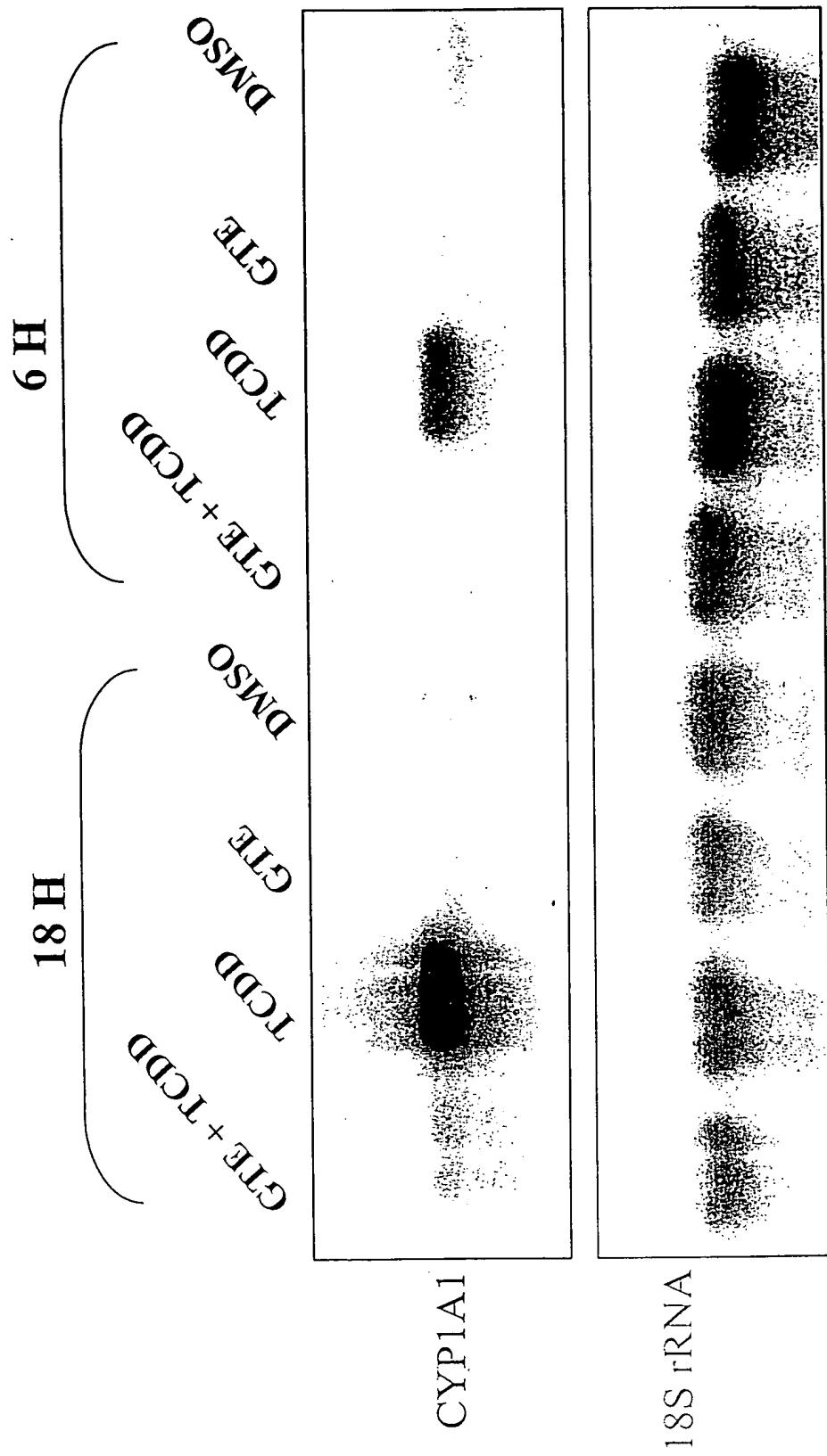
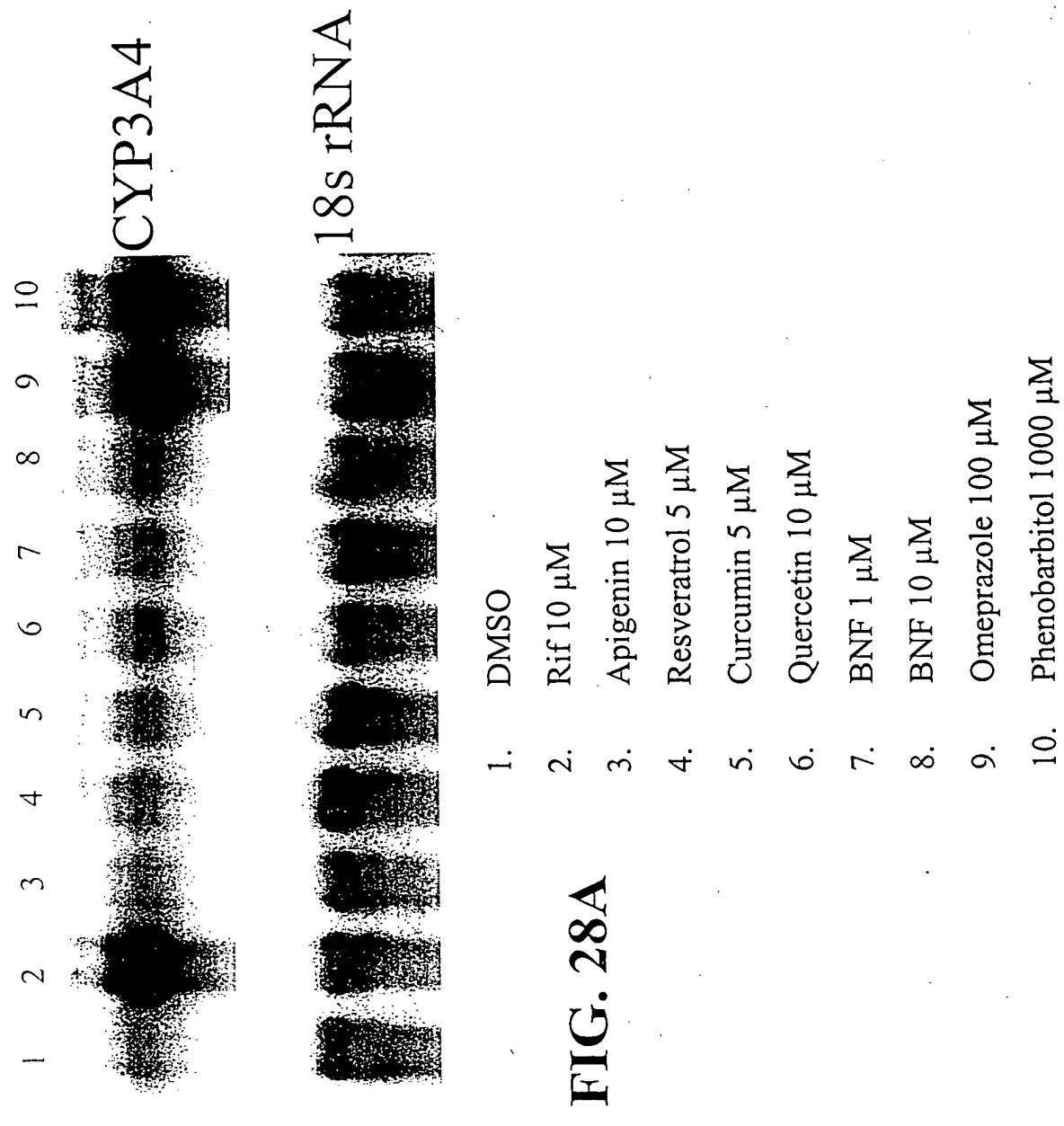


FIG. 27





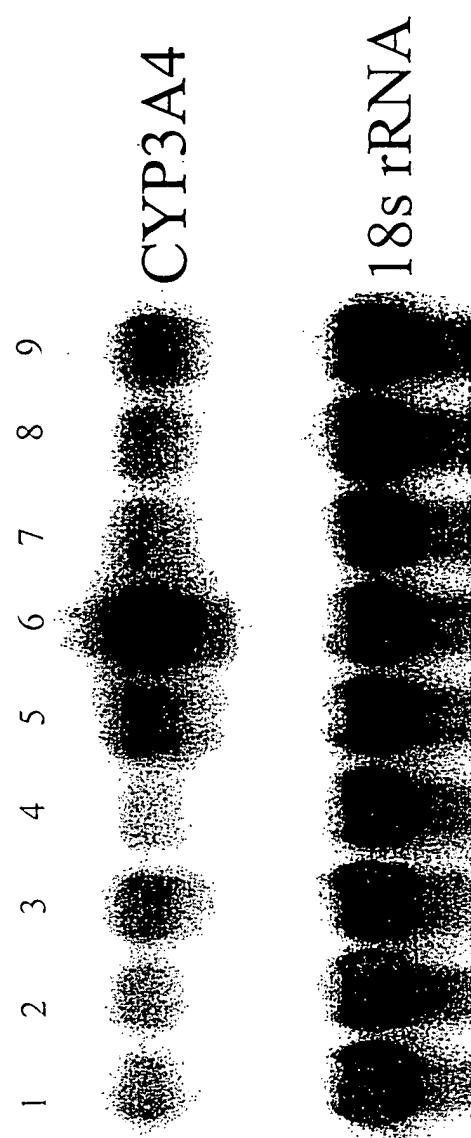


FIG. 28B

1. 3.1 ug/ml grapeseed extract
2. 31 ug/ml grapeseed extract
3. 10 ug/ml garlic
4. 100 ug/ml garlic
5. 10 ug kava-kava
6. 100 ug kava-kava
7. 10 ug/ml ginseng
8. 100 ug/ml ginseng
9. DMSO

FIG. 29

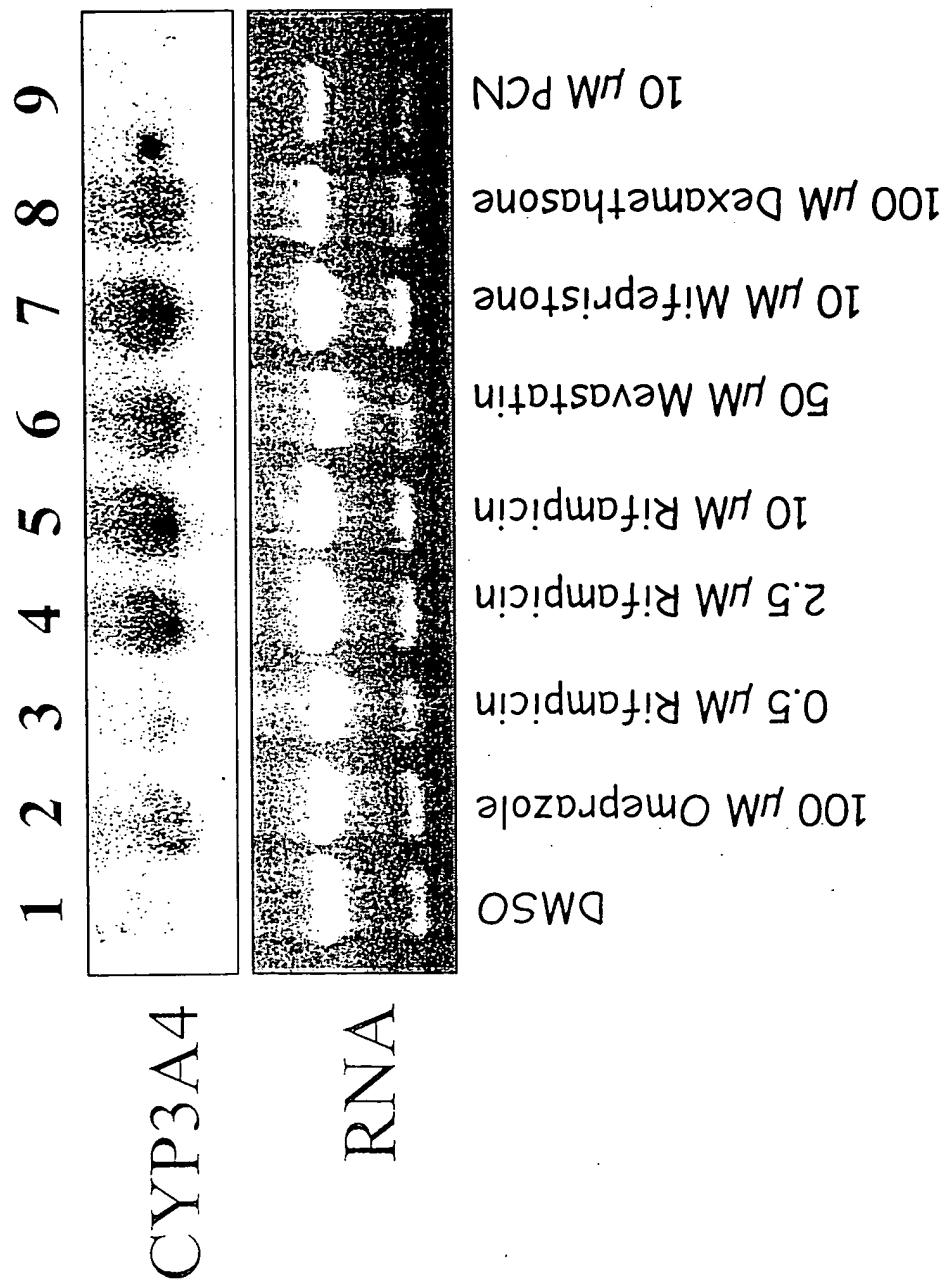


FIG. 30A

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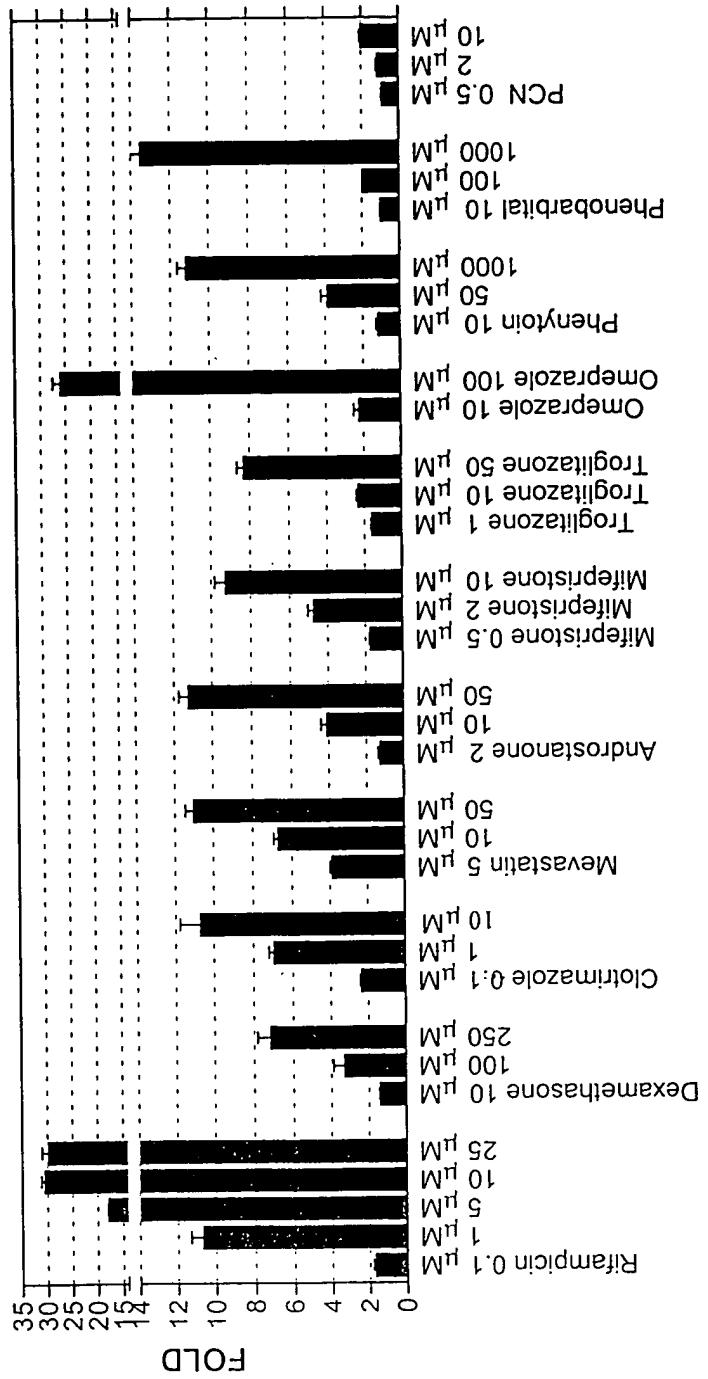


FIG. 30B
DPX-2

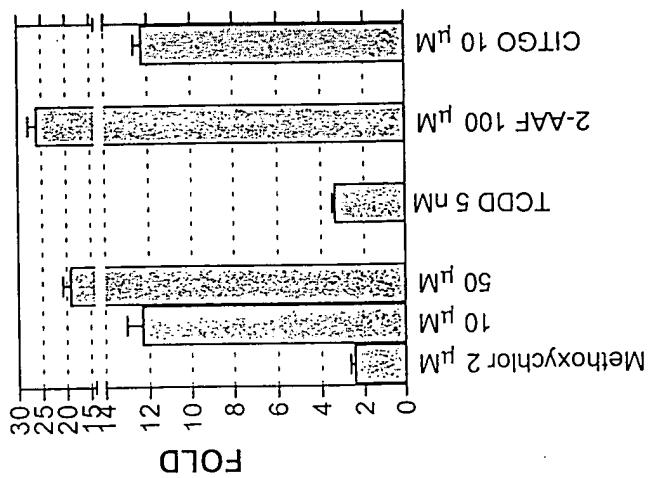


FIG. 30C
DPX-2

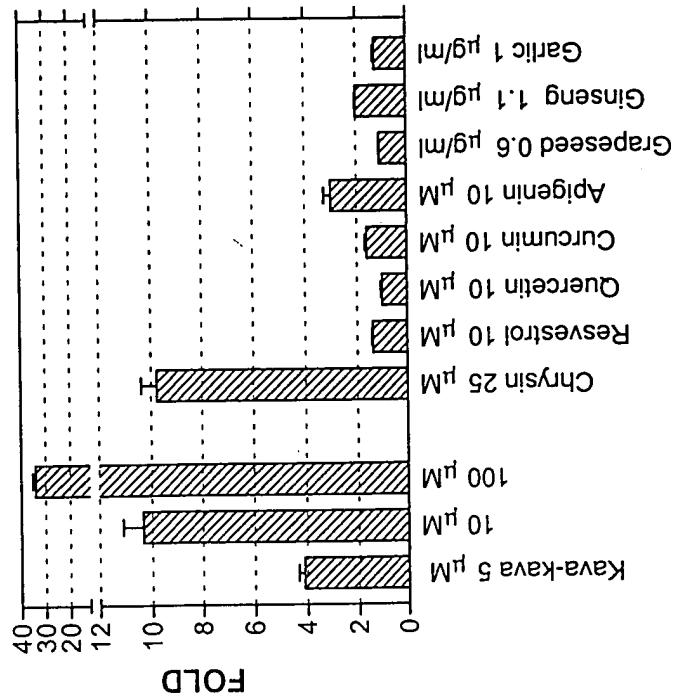


FIG. 31

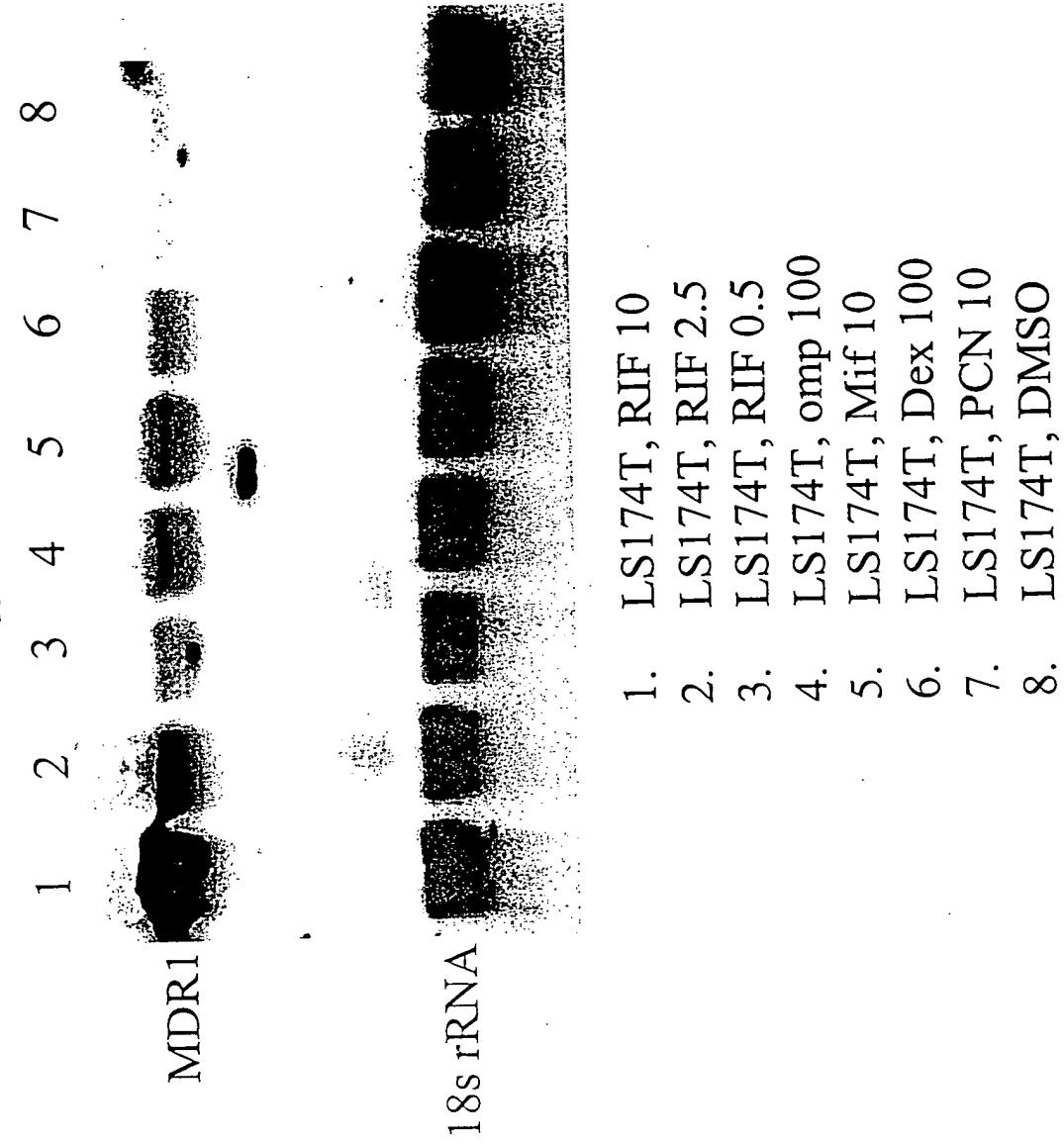
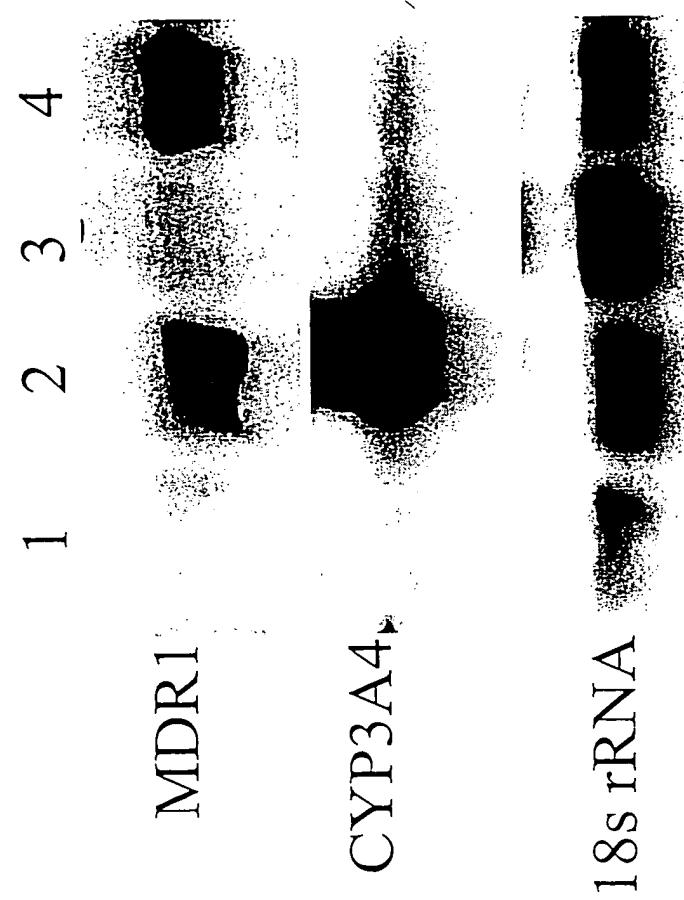


FIG. 32A



1. Hepatocyte, DMSO
2. Hepatocyte, Rif
3. LS174T, DMSO
4. LS174T, Rif 10

FIG. 32B

1 2 3 4

MDR1



CYP3A4



18S rRNA

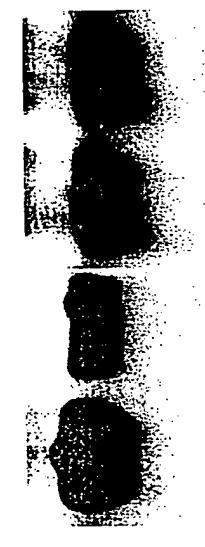


FIG. 32C

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1. HepG2, DMSO
2. HepG2, RIF 10
3. HepG2,hPXR DMSO
4. HepG2,hPXR RIF 10
1. Caco-2, DMOS
2. Caco-2, RIF 10
3. Caco-PXR, DMOS
4. Caco-PXR, RIF 10

FIG. 33A
RT-PCR for PXR Expression

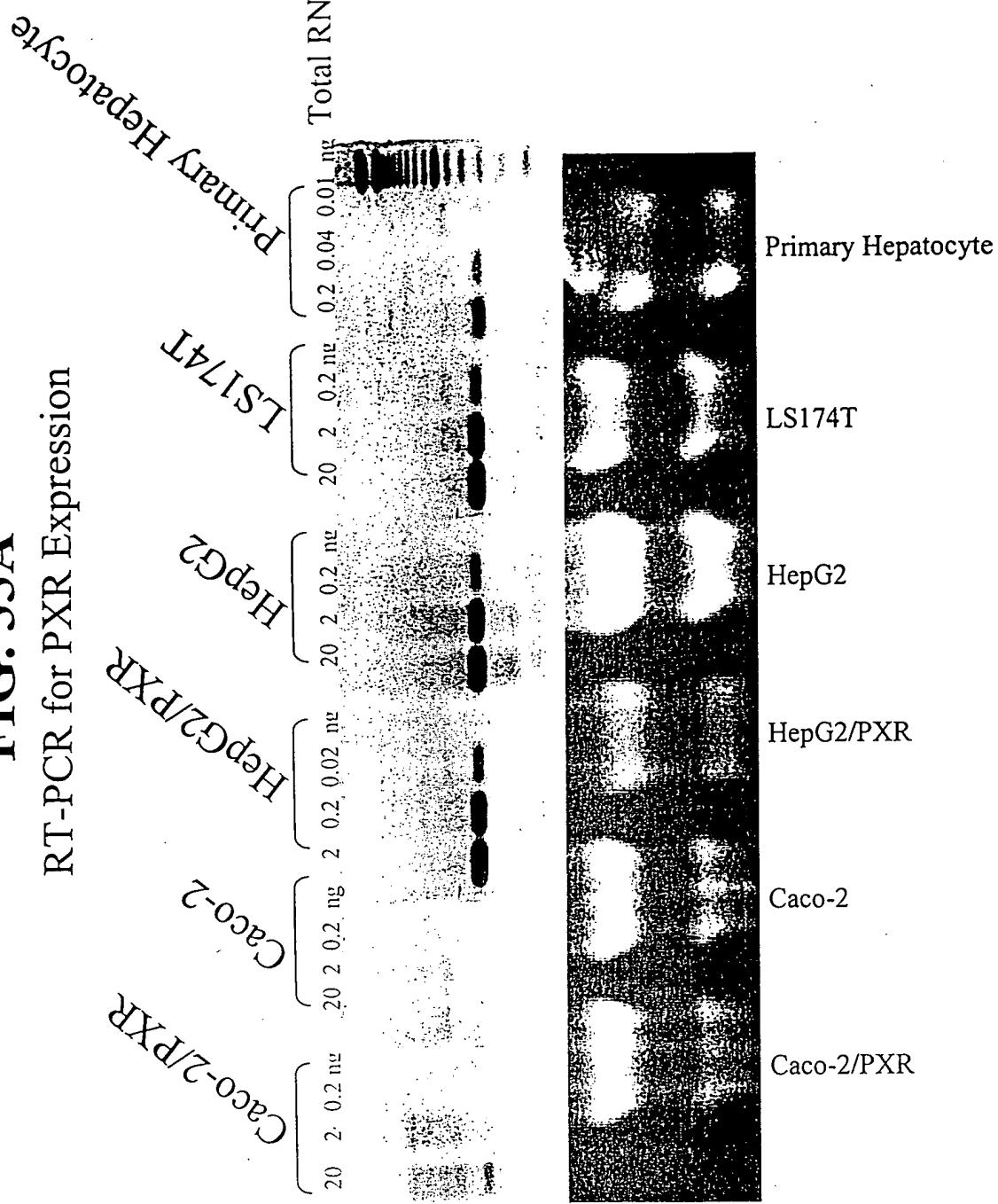


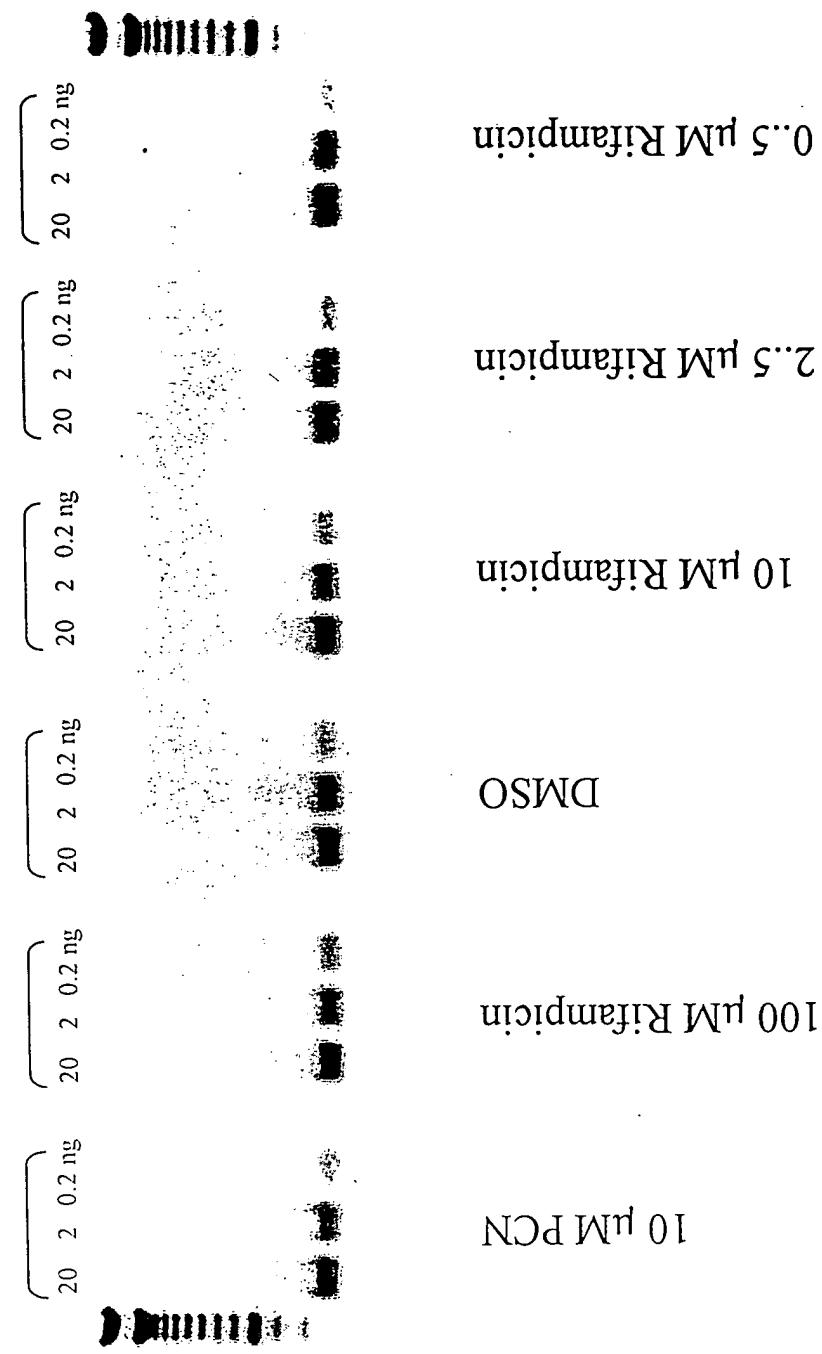
FIG. 33B

FIG. 34A
Caco-2

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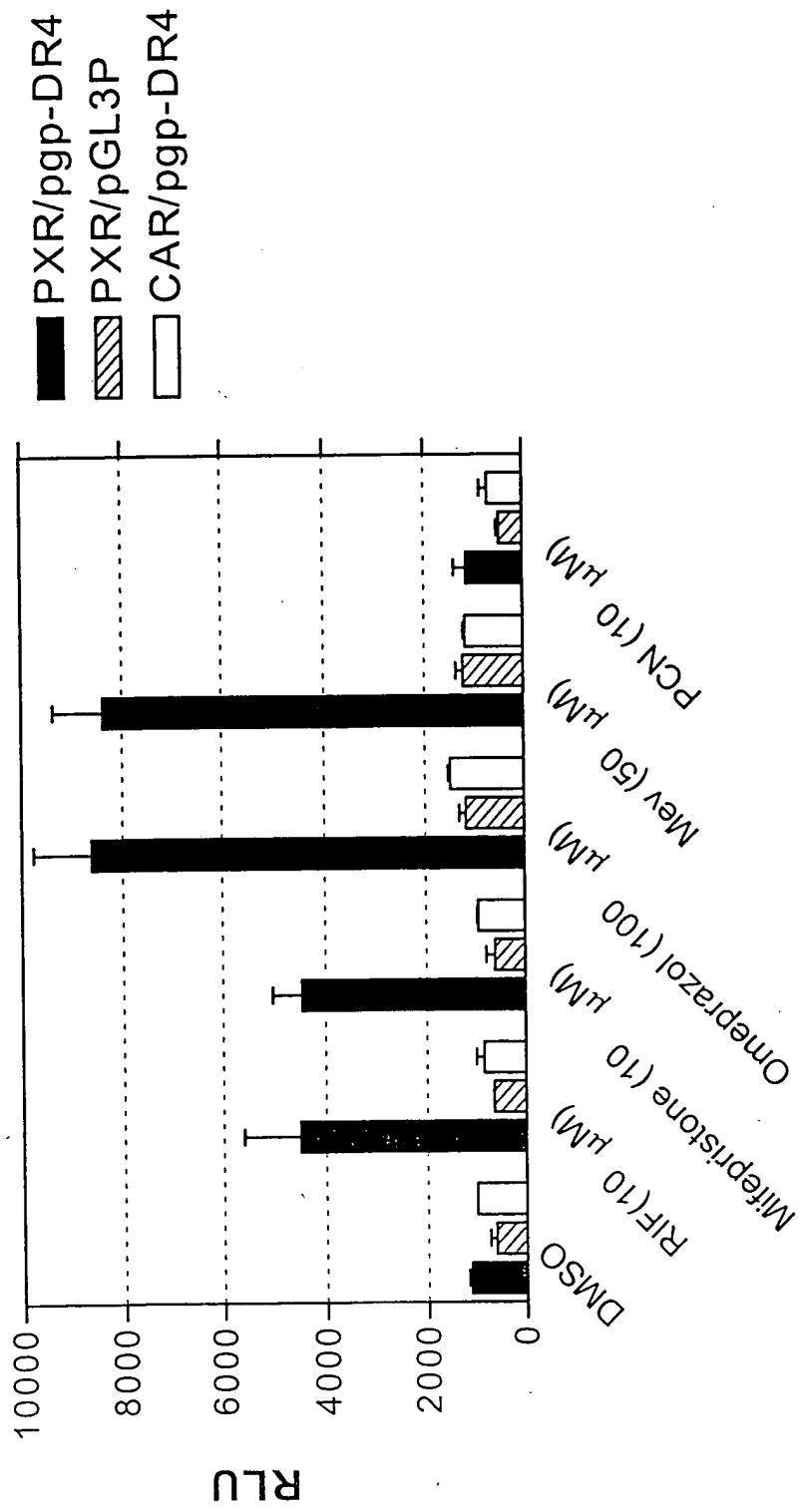


FIG. 34B

HepG2 MDR1(DR4)/mkkPXR

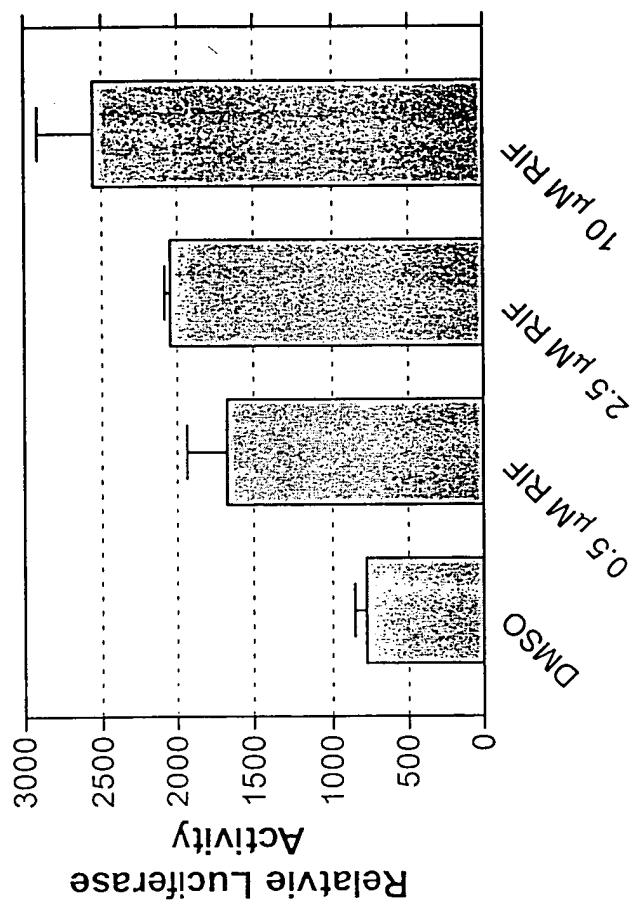


FIG. 35A
Hep-PXR/Pgp-Luc

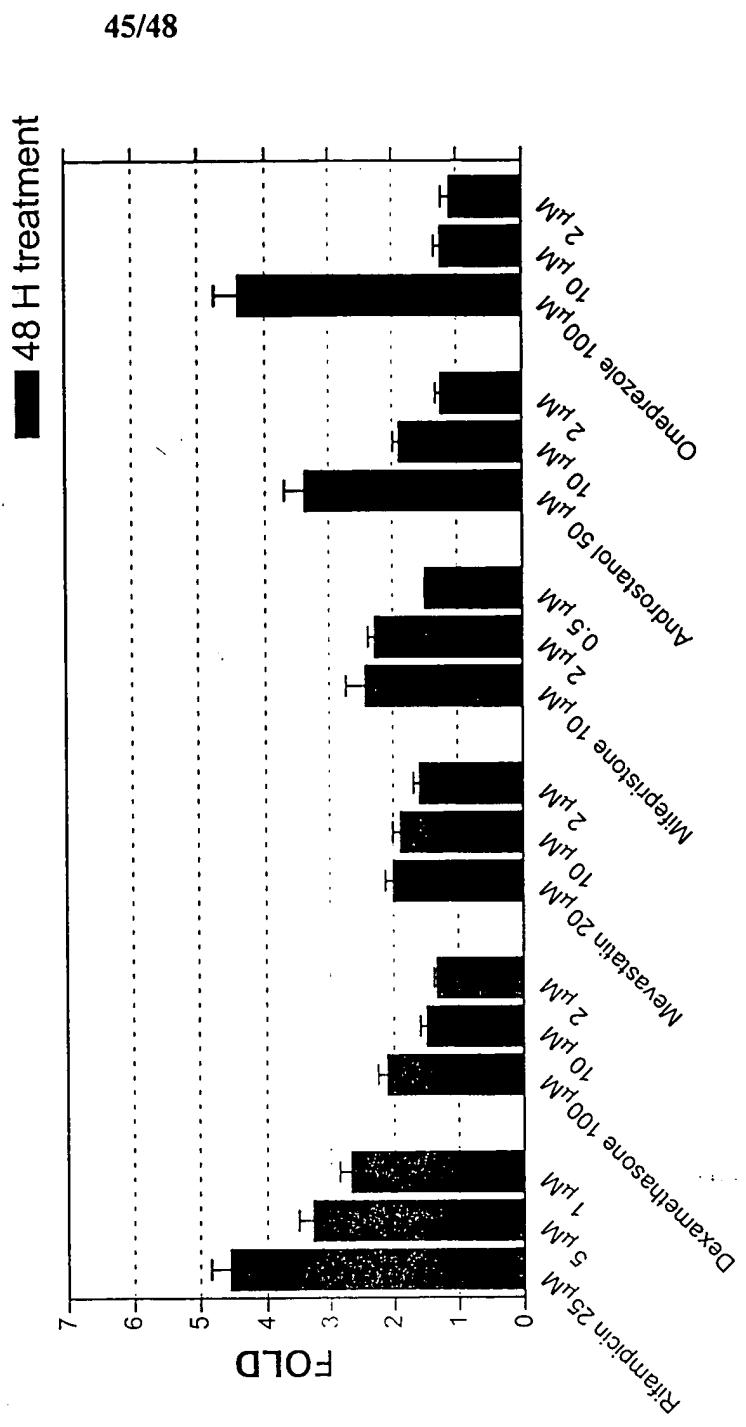


FIG. 35B
CaCO-PXR/PgPLuc ■ 48 H treatment

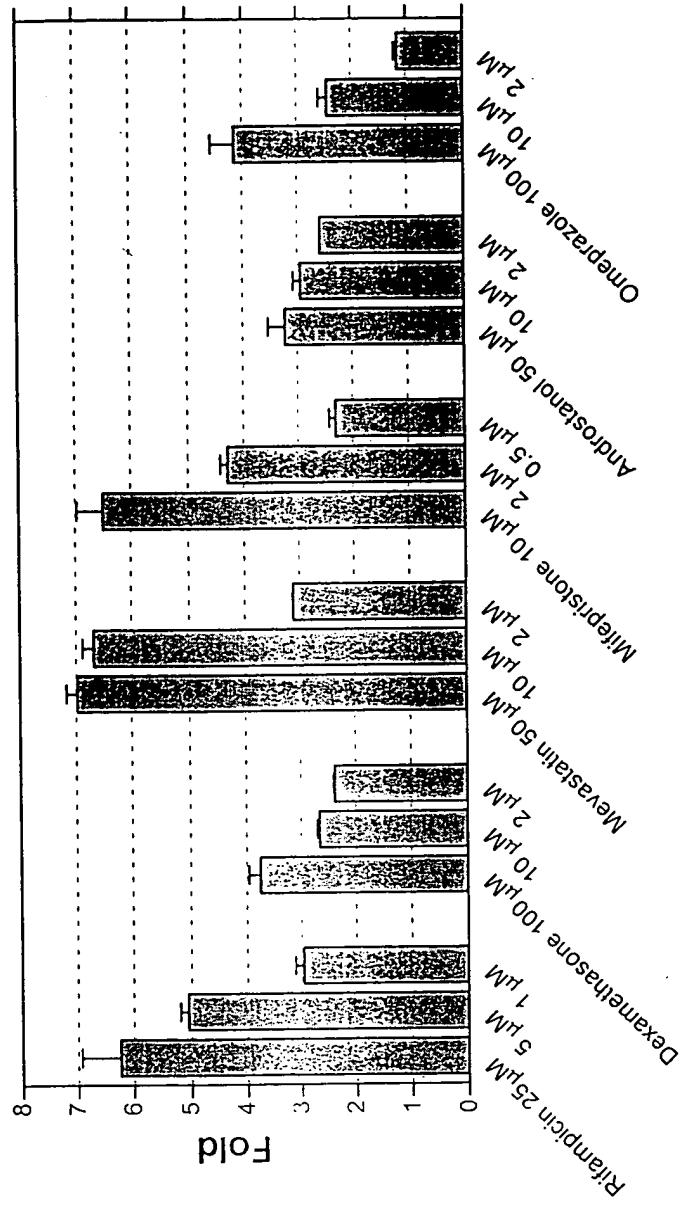
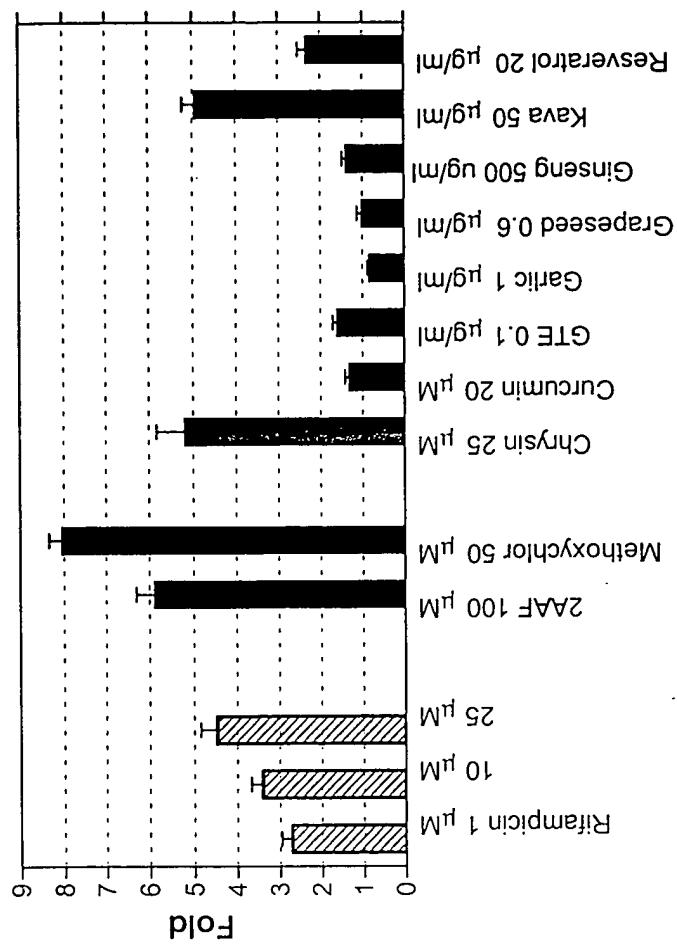


FIG. 36
HepG/Pgp-Luc



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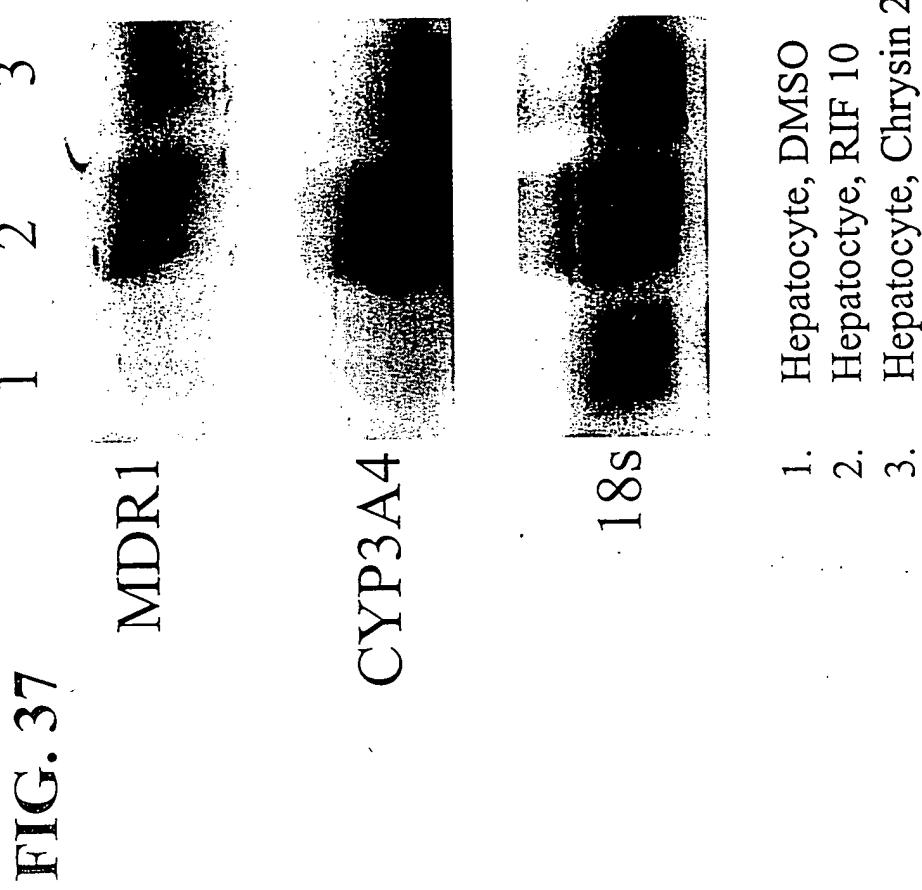


FIG. 37